

July 11, 2007

Fluid Minerals Group  
Bureau of Land Management  
Vernal Field Office  
170 South 500 East  
Vernal, Utah 84078

RE: Application for Permit to Drill—Dominion Exploration & Production, Inc.  
**WHB 5-5H;**

*Target Location: 959' FNL & 734' FWL, Lot 4 (NW/4 NW/4),  
Target Location: 2,000' FNL & 650' FWL, SW/4 NW/4,  
Section 5, T11S, R20E, SLB&M, Uintah County, Utah*

Dear Fluid Minerals Group:

On behalf of Dominion Exploration & Production, Inc. (Dominion), Buys & Associates, Inc. respectfully submits the enclosed original and three copies of the Application for Permit to Drill (APD) for the above referenced Tribal Surface / BLM Mineral directional well. A request for exception to spacing (R649-3-11) is hereby requested based on topography since the well is located within 460' of the drilling unit boundary. Dominion Exploration & Production, Inc. is the only owner and operator within 460' of the proposed well and all points along the intended well bore path. Included with the APD is the following supplemental information:

Exhibit "A" - Survey plats, layouts and photos of the proposed well site;

Exhibit "B" - Proposed location maps with access and pipeline corridors;

Exhibit "C" - Production site layout;

Exhibit "D" - Drilling Plan;

Exhibit "E" - Surface Use Plan;

Exhibit "F" - Typical BOP and Choke Manifold diagram;

Exhibit "G" - Paleontological and Cultural Clearance Reports.

Please accept this letter as Dominion's, written request for confidential treatment of all information contained in and pertaining to this application.

Thank you very much for your timely consideration of this application. Please feel free to contact myself or Barbara Lester of Dominion at 405-749-5237 if you have any questions or need additional information.

Sincerely,

*Don Hamilton*

Don Hamilton  
Agent for Dominion

cc: Diana Mason, Division of Oil, Gas and Mining  
Mike James - Ute Indian Tribe - Energy & Minerals  
Barbara Lester, Dominion  
Ken Secrest, Dominion

RECEIVED  
JUL 16 2007

DIV OF OIL GAS & MINING

FILE COPY

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
**APPLICATION FOR PERMIT TO DRILL OR REENTER**

FORM APPROVED  
OMB No. 1004-0137  
Expires March 31, 2007

1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-39223
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name Ute Indian Tribe
2. Name of Operator Dominion Exploration & Production, Inc.		7. If Unit or CA Agreement, Name and No. N/A
3a. Address 14000 Quail Springs Parkway, Suite 600 Oklahoma City, OK 73134	3b. Phone No. (include area code) 405-749-5237	8. Lease Name and Well No. WHB 5-5H
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface 959' FNL & 734' FWL, Lot 4 (NW/4 NW/4), At proposed prod. zone 2,900' FNL & 650' FWL, SW/4 NW/4,		9. API Well No. 43-047-39441
14. Distance in miles and direction from nearest town or post office* 13.54 miles southwest of Ouray, Utah		10. Field and Pool, or Exploratory undesignated
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 959'		11. Sec., T. R. M. or Blk. and Survey or Area Section 5, T11S, R20E, SLB&M
16. No. of acres in lease 715.864 acres		12. County or Parish Utah
17. Spacing Unit dedicated to this well 40 acres		13. State UT
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 20'		
19. Proposed Depth 9,600'		
20. BLM/BIA Bond No. on file WY 3322		
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5,422' GR		
22. Approximate date work will start* 10/02/2007		23. Estimated duration 14 days

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form:

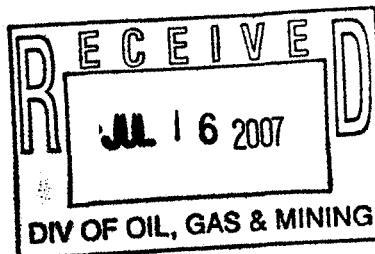
- Well plat certified by a registered surveyor.
- A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see item 20 above).
- Operator certification
- Such other site specific information and/or plans as may be required by the BLM.

25. Signature Don Hamilton	Name (Printed/Typed) Don Hamilton	Date 07/11/2007
Title Agent for Dominion		
Approved by (Signature) Bradley G. Hill	Name (Printed/Typed) BRADLEY G. HILL	Date 07-18-07
Title ENVIRONMENTAL MANAGER		

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on page 2)



Federal Approval of this  
Action is Necessary

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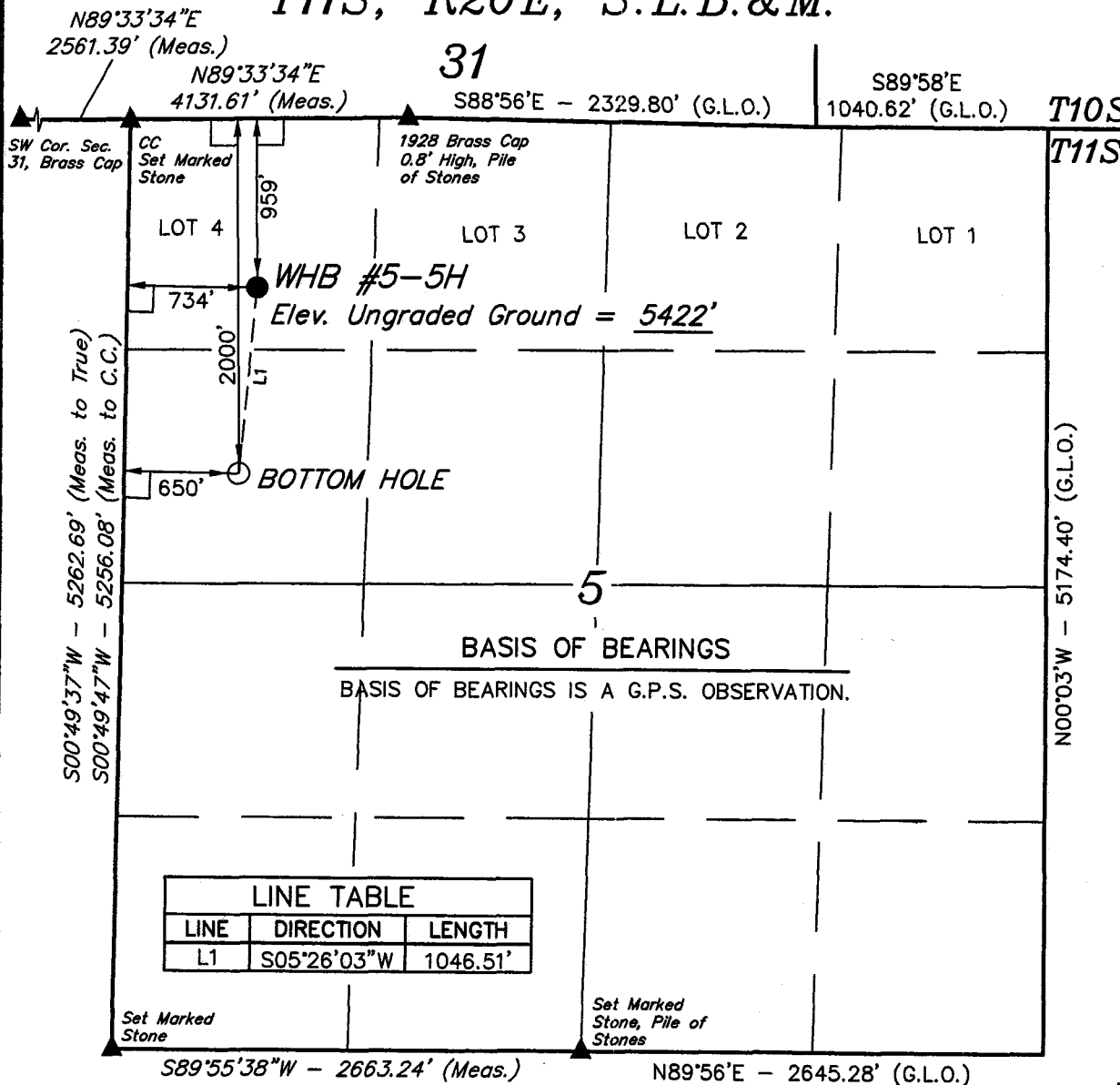
Surf  
610411X  
4416559Y  
39.893808  
-109.708578

BHL  
610388X  
4416241Y  
39.890946  
-109.708895

T11S, R20E, S.L.B.&M.

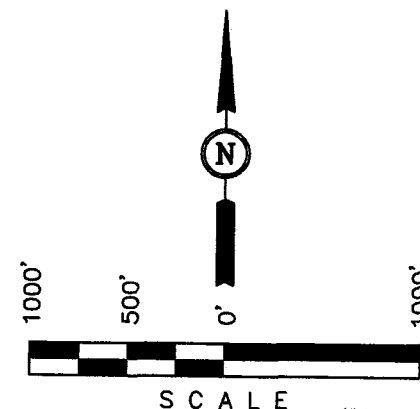
DOMINION EXPLR. & PROD., INC.

Well location, WHB #5-5H, located as shown in LOT 4 of Section 5, T11S, R20E, S.L.B.&M., Uintah County, Utah.



### BASIS OF ELEVATION

SPOT ELEVATION AT THE SOUTHWEST CORNER OF SECTION 20, T10S, R20E, S.L.B.&M., TAKEN FROM THE BIG PACK MTN. NW QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5251 FEET.



CERTIFIED LAND SURVEYOR

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR  
REGISTRATION NO. 101319  
STATE OF UTAH

### LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.
- △ = SECTION CORNERS RE-ESTABLISHED.  
(Not Set On Ground)

(NAD 83)  
LATITUDE = 39°53'37.68" (39.893800)  
LONGITUDE = 109°42'33.59" (109.709331)  
(NAD 27)  
LATITUDE = 39°53'37.81" (39.893836)  
LONGITUDE = 109°42'31.09" (109.708636)

UINTAH ENGINEERING & LAND SURVEYING  
85 SOUTH 200 EAST - VERNAL, UTAH 84078  
(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 04-02-07	DATE DRAWN: 04-10-07
PARTY D.R. K.A. S.L.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE DOMINION EXPLR. & PROD., INC.	

## DIRECTIONAL DRILLING PLAN

### APPROVAL OF OPERATIONS

#### Attachment for Permit to Drill

**Name of Operator:** Dominion Exploration & Production  
**Address:** 14000 Quail Springs Parkway, Suite 600  
Oklahoma City, OK 73134  
**Well Location:** WHB 5-5H  
SHL: 959' FNL & 734' FWL, Sec. 5-11S-20E  
BHL: 2000' FNL & 650' FWL, Sec. 5-11S-20E  
Uintah County, UT

1. GEOLOGIC SURFACE FORMATION Uintah

2. ESTIMATED DEPTHS OF IMPORTANT GEOLOGIC MARKERS

<u>Formation</u>	<u>Depth (MD)</u>
Wasatch Tongue	3,715'
Uteland Limestone	4,065'
Wasatch	4,210'
Chapita Wells	5,050'
Uteland Buttes	6,225'
Mesaverde	7,060'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS

<u>Formation</u>	<u>Depth (MD)</u>	<u>Type</u>
Wasatch Tongue	3,715'	Oil
Uteland Limestone	4,065'	Oil
Wasatch	4,210'	Gas
Chapita Wells	5,050'	Gas
Uteland Buttes	6,225'	Gas
Mesaverde	7,060'	Gas

4. PROPOSED CASING PROGRAM

All casing used to drill this well will be new casing.

<u>Type</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Conn.</u>	<u>Top</u>	<u>Bottom (MD)</u>	<u>Hole</u>
Surface	13-3/8"	48.0 ppf	H-40	STC	0'	500'	17-1/2"
Intermediate	9-5/8"	36.0 ppf	J-55	STC	0'	3,609'	12-1/4"
Production	5-1/2"	17.0 ppf	MAV-80	LTC	0'	9,600'	7-7/8"

5. OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL

Surface hole: No BOPE will be utilized.

Intermediate hole: To be drilled using a diverter stack with rotating head to divert flow from rig floor.

Production hole: Prior to drilling out the intermediate casing shoe, 3,000 psi or greater BOP equipment will be installed. The pipe rams will be operated at least once per day from surface to total depth. The blind rams will be tested once per day from surface to total depth if operations permit.

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## DRILLING PLAN

### APPROVAL OF OPERATIONS

A diagram of the planned BOP equipment for normal drilling operations in this area is attached. As denoted there will be two valves and one check valve on the kill line, two valves on the choke line, and two adjustable chokes on the manifold system. The BOP "stack" will consist of two BOP rams (1 pipe, 1 blind) and one annular type preventer, all rated to a minimum of 3,000 psi working pressure.

The BOP equipment will be pressure tested prior to drilling out surface casing shoe and anytime a new casing string is set. All test pressures will be maintained for fifteen (15) minutes without any significant pressure decrease. Clear water will be circulated into the BOP stack and lines prior to pressure testing. The following test pressures will be used as a minimum for various equipment items.

1.	Annular BOP	1,500 psi
2.	Ram type BOP	3,000 psi
3.	Kill line valves	3,000 psi
4.	Choke line valves and choke manifold valves	3,000 psi
5.	Chokes	3,000 psi
6.	Casing, casinghead & weld	1,500 psi
7.	Upper kelly cock and safety valve	3,000 psi
8.	Dart valve	3,000 psi

#### 6. MUD SYSTEMS

- An air or an air/mist system may be used to drill the surface hole until water influx becomes too great.
- KCL mud system will be used to drill well.
- The mud system will be monitored manually/visually.

<u>Depths (MD)</u>	<u>Mud Weight (ppg)</u>	<u>Mud System</u>
0' - 500'	8.4	Air foam mist, no pressure control
500' - 3,609'	8.6	Fresh water, rotating head and diverter
3,609' - 9,600'	8.6	Fresh water/2% KCL/KCL mud system

#### 7. BLOOIE LINE

- An automatic igniter will not be installed on blooie line. The blooie will have a constant ignition source.
- A "target tee" connection will be installed on blooie line for 90° change of directions for abrasion resistance.
- "Target tee" connections will be a minimum of 50' from wellhead.
- The blooie line discharge will be a minimum of 80' from the wellhead.

#### 8. AUXILIARY EQUIPMENT TO BE USED

- a. Kelly cock.
- b. Full opening valve with drill pipe connection will be kept on floor. Valve will be used when the kelly is not in string.

#### 9. TESTING, LOGGING, AND CORING PROGRAMS TO BE FOLLOWED

- A drillstem test in the Wasatch Tongue is possible.
- One electric line wire-log will be run from total depth to intermediate casing.
- The gamma ray will be left on to record from total depth to intermediate casing.
- Other log curves (resistivities, porosity, and caliper) will record from total depth to intermediate casing.
- A dipmeter, percussion cores, or rotary cores may be run over selected intervals.

#### 10. ANTICIPATED ABNORMAL PRESSURES OR TEMPERATURES EXPECTED

- Expected BHP 1,500-2,000 psi (lower than normal pressure gradient).
- No abnormal temperature or pressures are anticipated.
- The formations to be penetrated do not contain known H<sub>2</sub>S gas.

#### 11. WATER SUPPLY

- No water pipelines will be laid for this well.
- No water well will be drilled for this well.
- Drilling water for this will be hauled on the road(s) shown in Attachment No. 3.
- Water will be hauled from: Water Permit # 43-10447 Section 9, Township 8 South, Range 20 East

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## DRILLING PLAN

### APPROVAL OF OPERATIONS

#### 12. CEMENT SYSTEMS

##### a. Surface Cement:

- Drill 17-1/2" hole to 500' and cement 13-3/8" to surface with 450 sks class "G" cement with 2% CaCl<sub>2</sub> and 1/4 #/sk. Polyflake (volume includes 70% excess). Top out as necessary. Casing to be centralized with a total of 5 centralizers.

##### b. Intermediate Casing Cement:

- Drill 12-1/4" hole to 3,609' (MD)  $\pm$ , run and cement 9-5/8".
- Pump 20 bbls lightly weighted water spacer followed by 5 bbls fresh water. Displace with any available water.
- Casing to be run with: a) guide shoe b) insert float c) three (3) centralizers, one on each of first 3 joints d) stop ring for plug one joint off bottom e) bottom three joints thread locked f) pump job with bottom plug only. Casing to be centralized with a total of 15 centralizers.
- Cement to surface not required due to surface casing set deeper than normal.

Type	Sacks	Interval (MD)	Density	Yield	Hole Volume	Cement Volume
Lead	428	0'-3,109'	10.5 ppg	4.14 CFS	1,011 CF	1,770 CF
Tail	254	3,109'-3,609'	15.6 ppg	1.2 CFS	174 CF	304 CF

Intermediate design volumes based on 75% excess of gauge hole.

Lead Mix: Halliburton Prem Plus V blend. Blend includes Class "G" cement, gel, salt, gilsonite, EX-1 and HR-7.  
Slurry yield: 4.14 cf/sack      Slurry weight: 10.5 #/gal.  
Water requirement: 26.07 gal/sack  
Compressives @ 110°F: 72 psi after 24 hours

Tail Mix: Class "G" Cement, 1/4 lb/sk Cellophane Flakes + 2% bwoc Calcium Chloride + 46.5% fresh water.  
Slurry yield: 1.20 cf/sack      Slurry weight: 15.6 #/gal.  
Pump Time: 1 hr. 5 min. @ 110 °F.  
Compressives @ 110 °F: 2,500 psi after 24 hours

##### c. Production Casing Cement:

- Drill 7-7/8" hole to 9,600' (MD)  $\pm$ , run and cement 5 1/2".
- Pump 20 bbl Mud Clean II unweighted spacer, followed by 20 Bbls fresh H2O spacer.
- Displace with 2% KCL.
- Production casing to be centralized with 30 centralizers.

Type	Sacks	Interval (MD)	Density	Yield	Hole Volume	Cement Volume
Lead	90	3,410'-4,210'	11.5 ppg	3.12 CFS	139 CF	277 CF
Tail	1,070	4,210'-9,600'	13.0 ppg	1.75 CFS	934 CF	1,868 CF

Production design volumes based on 35% excess of gauge hole. Actual volumes will be calculated from caliper log to bring lead cement to 800' above top of Wasatch + 15% excess, and tail cement to top of Wasatch +15%.

Lead Mix: Halliburton Prem Plus V blend. Blend includes Class "G" cement, gel, salt, gilsonite, EX-1 and HR-7.  
Slurry yield: 3.12 cf/sack      Slurry weight: 11.60 #/gal.  
Water requirement: 17.71 gal/sack  
Compressives @ 130°F: 157 psi after 24 hours

Tail Mix: Halliburton HLC blend (Prem Plus V/JB flyash). Blend includes Class "G" cement, KCl, EX-1, Halad 322, & HR-5.  
Slurry yield: 1.75 cf/sack      Slurry weight: 13.00 #/gal.  
Water requirement: 9.09 gal/sack  
Compressives @ 165°F: 905 psi after 24 hours

#### 13. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS

Starting Date: October 2, 2007  
Duration: 14 Days

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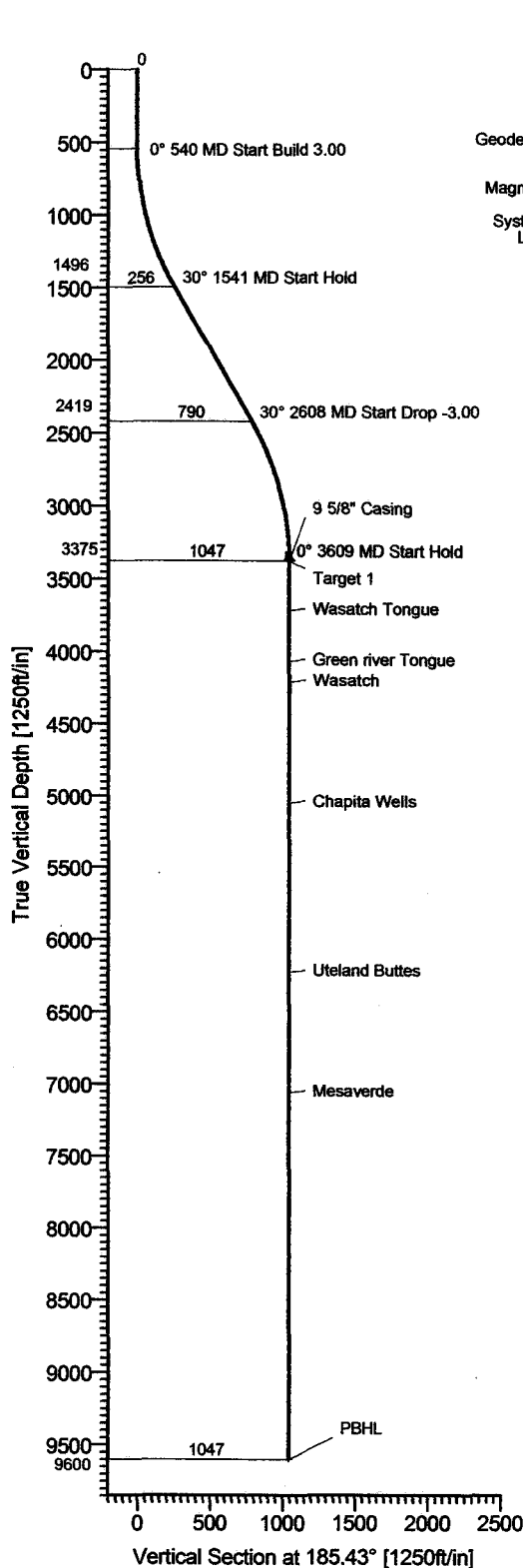
**Dominion**

# Dominion Exploration & Production

Field: Uintah County, Utah  
Site: WHB #5-5H  
Well: Well #5-5H  
Wellpath: Original Hole  
Plan: Plan #1



Azimuths to True North  
Magnetic North: 11.64°  
Magnetic Field  
Strength: 5269nT  
Dip Angle: 65.35°  
Date: 6/29/2007  
Model: igr2005

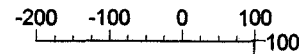


## FIELD DETAILS

Uintah County, Utah  
Utah - Natural Buttes  
USA

Geodetic System: US State Plane Coordinate System 1983  
Ellipsoid: GRS 1980  
Zone: Utah, Central Zone  
Magnetic Model: igr2005  
System Datum: Mean Sea Level  
Local North: True North

West(-)/East(+) [250ft/in]



## SITE DETAILS

WHB #5-5H  
Section 5, T11S, R20E  
Wild Horse Bench  
Site Centre Latitude: 39°53'37.680N  
Longitude: 109°42'33.590W  
Ground Level: 5415.00  
Positional Uncertainty: 0.00  
Convergence: 1.15

## WELLPATH DETAILS

Original Hole

Rig:			
Ref. Datum:	SITE	5435.00ft	
V.Section Angle	Origin +N/-S	Origin +E/-W	Starting From TVD
185.43°	0.00	0.00	0.00

## TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
Target 1	3375.00	-1041.81	-99.11	7134040.27	2142714.25	Point
PBHL	9600.00	-1041.81	-99.11	7134040.27	2142714.25	Point

## SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	185.43	0.00	0.00	0.00	0.00	0.00	0.00	
2	540.00	0.00	185.43	540.00	0.00	0.00	0.00	0.00	0.00	
3	1541.00	30.03	185.43	1495.80	-255.22	-24.28	3.00	185.43	256.37	
4	2607.57	30.03	185.43	2419.19	-786.59	-74.83	0.00	0.00	790.14	
5	3608.57	0.00	185.43	3374.99	-1041.81	-99.11	3.00	180.00	1046.51	
6	3608.58	0.00	185.43	3375.00	-1041.81	-99.11	0.00	0.00	1046.51	Target 1
7	9833.58	0.00	185.43	9600.00	-1041.81	-99.11	0.00	185.43	1046.51	PBHL

Ryan Energy Technologies  
19510 Oil Center Blvd  
Houston, TX 77073  
Ph: 281-443-1414  
Fx: 281-443-1676



Plan: Plan #1 (Well #5-5H Original Hole)  
Created By: Kevin Carr Date: 6/29/2007  
Checked: \_\_\_\_\_ Date: \_\_\_\_\_  
Reviewed: \_\_\_\_\_ Date: \_\_\_\_\_  
Approved: \_\_\_\_\_ Date: \_\_\_\_\_

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# Ryan Energy Technologies Planning Report



<b>Company:</b> Dominion Exploration & Product			<b>Date:</b> 6/29/2007		<b>Time:</b> 10:44:11		<b>Page:</b> 1	
<b>Field:</b> Uintah County, Utah			<b>Co-ordinate(NE) Reference:</b> Well #5-5H, True North					
<b>Site:</b> WHB #5-5H			<b>Vertical (TVD) Reference:</b> SITE 5435.0					
<b>Well:</b> Well #5-5H			<b>Section (VS) Reference:</b> Well (0.00N,0.00E,185.43Azi)					
<b>Wellpath:</b> Original Hole			<b>Plan:</b> Plan #1					

<b>Field:</b> Uintah County, Utah Utah - Natural Buttes USA			<b>Map Zone:</b> Utah, Central Zone		
<b>Map System:</b> US State Plane Coordinate System 1983			<b>Coordinate System:</b> Well Centre		
<b>Geo Datum:</b> GRS 1980			<b>Geomagnetic Model:</b> igrf2005		
<b>Sys Datum:</b> Mean Sea Level					

<b>Site:</b> WHB #5-5H Section 5, T11S, R20E Wild Horse Bench					
<b>Site Position:</b>	<b>Northing:</b> 7135083.86 ft	<b>Latitude:</b> 39 53 37.680 N			
<b>From:</b> Geographic	<b>Easting:</b> 2142792.49 ft	<b>Longitude:</b> 109 42 33.590 W			
<b>Position Uncertainty:</b> 0.00 ft		<b>North Reference:</b> True			
<b>Ground Level:</b> 5415.00 ft		<b>Grid Convergence:</b> 1.15 deg			

<b>Well:</b> Well #5-5H			<b>Slot Name:</b>		
<b>Well Position:</b> +N/-S 0.00 ft	<b>Northing:</b> 7135083.86 ft	<b>Latitude:</b> 39 53 37.680 N			
+E/-W 0.00 ft	<b>Easting:</b> 2142792.49 ft	<b>Longitude:</b> 109 42 33.590 W			
<b>Position Uncertainty:</b> 0.00 ft					

<b>Wellpath:</b> Original Hole			<b>Drilled From:</b> Surface		
<b>Current Datum:</b> SITE	<b>Height:</b> 5435.00 ft	<b>Tie-on Depth:</b> 0.00 ft			
<b>Magnetic Data:</b> 6/29/2007		<b>Above System Datum:</b> Mean Sea Level			
<b>Field Strength:</b> 52696 nT		<b>Declination:</b> 11.64 deg			
<b>Vertical Section:</b> Depth From (TVD)	+N/-S	<b>Mag Dip Angle:</b> 65.85 deg			
ft	ft	+E/-W	<b>Direction</b>		
		ft	deg		
0.00	0.00	0.00	185.43		

<b>Plan:</b> Plan #1		<b>Date Composed:</b> 6/29/2007	
<b>Principal:</b> Yes		<b>Version:</b> 1	
		<b>Tied-to:</b> From Surface	

Plan Section Information										
MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg	Target
0.00	0.00	185.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
540.00	0.00	185.43	540.00	0.00	0.00	0.00	0.00	0.00	0.00	
1541.00	30.03	185.43	1495.80	-255.22	-24.28	3.00	3.00	0.00	185.43	
2607.57	30.03	185.43	2419.19	-786.59	-74.83	0.00	0.00	0.00	0.00	
3608.57	0.00	185.43	3374.99	-1041.81	-99.11	3.00	-3.00	0.00	180.00	
3608.58	0.00	185.43	3375.00	-1041.81	-99.11	0.00	0.00	0.00	0.00	Target 1
9833.58	0.00	185.43	9600.00	-1041.81	-99.11	0.00	0.00	0.00	185.43	PBHL

Survey										
MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
540.00	0.00	185.43	540.00	0.00	0.00	0.00	0.00	0.00	0.00	
600.00	1.80	185.43	599.99	-0.94	-0.09	0.94	3.00	3.00	0.00	
700.00	4.80	185.43	699.81	-6.67	-0.63	6.70	3.00	3.00	0.00	
800.00	7.80	185.43	799.20	-17.59	-1.67	17.67	3.00	3.00	0.00	
900.00	10.80	185.43	897.87	-33.68	-3.20	33.83	3.00	3.00	0.00	
1000.00	13.80	185.43	995.57	-54.88	-5.22	55.13	3.00	3.00	0.00	
1100.00	16.80	185.43	1092.01	-81.15	-7.72	81.51	3.00	3.00	0.00	
1200.00	19.80	185.43	1186.94	-112.40	-10.69	112.91	3.00	3.00	0.00	
1300.00	22.80	185.43	1280.10	-148.56	-14.13	149.23	3.00	3.00	0.00	
1400.00	25.80	185.43	1371.23	-189.52	-18.03	190.38	3.00	3.00	0.00	
1500.00	28.80	185.43	1460.08	-235.18	-22.37	236.24	3.00	3.00	0.00	
1541.00	30.03	185.43	1495.80	-255.22	-24.28	256.37	3.00	3.00	0.00	
1600.00	30.03	185.43	1546.88	-284.61	-27.08	285.90	0.00	0.00	0.00	
1700.00	30.03	185.43	1633.45	-334.44	-31.82	335.94	0.00	0.00	0.00	
1800.00	30.03	185.43	1720.03	-384.26	-36.56	385.99	0.00	0.00	0.00	

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# Ryan Energy Technologies

## Planning Report



Company: Dominion Exploration & Product  
Field: Uintah County, Utah  
Site: WHB #5-5H  
Well: Well #5-5H  
Wellpath: Original Hole

Date: 6/29/2007 Time: 10:44:11  
Co-ordinate(NE) Reference: Well #5-5H, True North  
Vertical (TVD) Reference: SITE 5435.0  
Section (VS) Reference: Well (0.00N,0.00E,185.43Azi)  
Plan: Plan #1

Page: 2

### Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
1900.00	30.03	185.43	1806.60	-434.08	-41.29	436.04	0.00	0.00	0.00	
2000.00	30.03	185.43	1893.18	-483.90	-46.03	486.08	0.00	0.00	0.00	
2100.00	30.03	185.43	1979.76	-533.72	-50.77	536.13	0.00	0.00	0.00	
2200.00	30.03	185.43	2066.33	-583.54	-55.51	586.17	0.00	0.00	0.00	
2300.00	30.03	185.43	2152.91	-633.36	-60.25	636.22	0.00	0.00	0.00	
2400.00	30.03	185.43	2239.49	-683.18	-64.99	686.26	0.00	0.00	0.00	
2500.00	30.03	185.43	2326.06	-733.00	-69.73	736.31	0.00	0.00	0.00	
2607.57	30.03	185.43	2419.19	-786.59	-74.83	790.14	0.00	0.00	0.00	
2700.00	27.26	185.43	2500.30	-830.69	-79.03	834.44	3.00	-3.00	0.00	
2800.00	24.26	185.43	2590.36	-873.95	-83.14	877.89	3.00	-3.00	0.00	
2900.00	21.26	185.43	2682.56	-912.45	-86.80	916.57	3.00	-3.00	0.00	
3000.00	18.26	185.43	2776.66	-946.10	-90.00	950.37	3.00	-3.00	0.00	
3100.00	15.26	185.43	2872.41	-974.80	-92.74	979.20	3.00	-3.00	0.00	
3200.00	12.26	185.43	2969.53	-998.47	-94.99	1002.98	3.00	-3.00	0.00	
3300.00	9.26	185.43	3067.76	-1017.05	-96.75	1021.64	3.00	-3.00	0.00	
3400.00	6.26	185.43	3166.83	-1030.48	-98.03	1035.14	3.00	-3.00	0.00	
3500.00	3.26	185.43	3266.48	-1038.74	-98.82	1043.43	3.00	-3.00	0.00	
3608.57	0.00	185.43	3374.99	-1041.81	-99.11	1046.51	3.00	-3.00	0.00	
3608.58	0.00	185.43	3375.00	-1041.81	-99.11	1046.51	0.00	0.00	0.00	Target 1
3610.00	0.00	185.43	3376.42	-1041.81	-99.11	1046.51	0.00	0.00	0.00	9 5/8" Casing
3700.00	0.00	185.43	3466.42	-1041.81	-99.11	1046.51	0.00	0.00	0.00	
3800.00	0.00	185.43	3566.42	-1041.81	-99.11	1046.51	0.00	0.00	0.00	
3900.00	0.00	185.43	3666.42	-1041.81	-99.11	1046.51	0.00	0.00	0.00	
3948.58	0.00	185.43	3715.00	-1041.81	-99.11	1046.51	0.00	0.00	0.00	Wasatch Tongue
4000.00	0.00	185.43	3766.42	-1041.81	-99.11	1046.51	0.00	0.00	0.00	
4100.00	0.00	185.43	3866.42	-1041.81	-99.11	1046.51	0.00	0.00	0.00	
4200.00	0.00	185.43	3966.42	-1041.81	-99.11	1046.51	0.00	0.00	0.00	
4298.58	0.00	185.43	4065.00	-1041.81	-99.11	1046.51	0.00	0.00	0.00	Green river Tongue
4300.00	0.00	185.43	4066.42	-1041.81	-99.11	1046.51	0.00	0.00	0.00	
4400.00	0.00	185.43	4166.42	-1041.81	-99.11	1046.51	0.00	0.00	0.00	
4443.58	0.00	185.43	4210.00	-1041.81	-99.11	1046.51	0.00	0.00	0.00	Wasatch
4500.00	0.00	185.43	4266.42	-1041.81	-99.11	1046.51	0.00	0.00	0.00	
4600.00	0.00	185.43	4366.42	-1041.81	-99.11	1046.51	0.00	0.00	0.00	
4700.00	0.00	185.43	4466.42	-1041.81	-99.11	1046.51	0.00	0.00	0.00	
4800.00	0.00	185.43	4566.42	-1041.81	-99.11	1046.51	0.00	0.00	0.00	
4900.00	0.00	185.43	4666.42	-1041.81	-99.11	1046.51	0.00	0.00	0.00	
5000.00	0.00	185.43	4766.42	-1041.81	-99.11	1046.51	0.00	0.00	0.00	
5100.00	0.00	185.43	4866.42	-1041.81	-99.11	1046.51	0.00	0.00	0.00	
5200.00	0.00	185.43	4966.42	-1041.81	-99.11	1046.51	0.00	0.00	0.00	
5283.58	0.00	185.43	5050.00	-1041.81	-99.11	1046.51	0.00	0.00	0.00	Chapita Wells
5300.00	0.00	185.43	5066.42	-1041.81	-99.11	1046.51	0.00	0.00	0.00	
5400.00	0.00	185.43	5166.42	-1041.81	-99.11	1046.51	0.00	0.00	0.00	
5500.00	0.00	185.43	5266.42	-1041.81	-99.11	1046.51	0.00	0.00	0.00	
5600.00	0.00	185.43	5366.42	-1041.81	-99.11	1046.51	0.00	0.00	0.00	
5700.00	0.00	185.43	5466.42	-1041.81	-99.11	1046.51	0.00	0.00	0.00	
5800.00	0.00	185.43	5566.42	-1041.81	-99.11	1046.51	0.00	0.00	0.00	
5900.00	0.00	185.43	5666.42	-1041.81	-99.11	1046.51	0.00	0.00	0.00	
6000.00	0.00	185.43	5766.42	-1041.81	-99.11	1046.51	0.00	0.00	0.00	
6100.00	0.00	185.43	5866.42	-1041.81	-99.11	1046.51	0.00	0.00	0.00	
6200.00	0.00	185.43	5966.42	-1041.81	-99.11	1046.51	0.00	0.00	0.00	
6300.00	0.00	185.43	6066.42	-1041.81	-99.11	1046.51	0.00	0.00	0.00	
6400.00	0.00	185.43	6166.42	-1041.81	-99.11	1046.51	0.00	0.00	0.00	
6458.58	0.00	185.43	6225.00	-1041.81	-99.11	1046.51	0.00	0.00	0.00	Uteland Buttes

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# Ryan Energy Technologies

## Planning Report



Company: Dominion Exploration & Product  
Field: Uintah County, Utah  
Site: WHB #5-5H  
Well: Well #5-5H  
Wellpath: Original Hole

Date: 6/29/2007 Time: 10:44:11  
Co-ordinate(N/E) Reference: Well #5-5H, True North  
Vertical (TVD) Reference: SITE 5435.0  
Section (VS) Reference: Well (0.00N,0.00E,185.43Azi)  
Plan: Plan #1

Page: 3

### Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
6500.00	0.00	185.43	6266.42	-1041.81	-99.11	1046.51	0.00	0.00	0.00	
6600.00	0.00	185.43	6366.42	-1041.81	-99.11	1046.51	0.00	0.00	0.00	
6700.00	0.00	185.43	6466.42	-1041.81	-99.11	1046.51	0.00	0.00	0.00	
6800.00	0.00	185.43	6566.42	-1041.81	-99.11	1046.51	0.00	0.00	0.00	
6900.00	0.00	185.43	6666.42	-1041.81	-99.11	1046.51	0.00	0.00	0.00	
7000.00	0.00	185.43	6766.42	-1041.81	-99.11	1046.51	0.00	0.00	0.00	
7100.00	0.00	185.43	6866.42	-1041.81	-99.11	1046.51	0.00	0.00	0.00	
7200.00	0.00	185.43	6966.42	-1041.81	-99.11	1046.51	0.00	0.00	0.00	
7293.58	0.00	185.43	7060.00	-1041.81	-99.11	1046.51	0.00	0.00	0.00	Mesaverde
7300.00	0.00	185.43	7066.42	-1041.81	-99.11	1046.51	0.00	0.00	0.00	
7400.00	0.00	185.43	7166.42	-1041.81	-99.11	1046.51	0.00	0.00	0.00	
7500.00	0.00	185.43	7266.42	-1041.81	-99.11	1046.51	0.00	0.00	0.00	
7600.00	0.00	185.43	7366.42	-1041.81	-99.11	1046.51	0.00	0.00	0.00	
7700.00	0.00	185.43	7466.42	-1041.81	-99.11	1046.51	0.00	0.00	0.00	
7800.00	0.00	185.43	7566.42	-1041.81	-99.11	1046.51	0.00	0.00	0.00	
7900.00	0.00	185.43	7666.42	-1041.81	-99.11	1046.51	0.00	0.00	0.00	
8000.00	0.00	185.43	7766.42	-1041.81	-99.11	1046.51	0.00	0.00	0.00	
8100.00	0.00	185.43	7866.42	-1041.81	-99.11	1046.51	0.00	0.00	0.00	
8200.00	0.00	185.43	7966.42	-1041.81	-99.11	1046.51	0.00	0.00	0.00	
8300.00	0.00	185.43	8066.42	-1041.81	-99.11	1046.51	0.00	0.00	0.00	
8400.00	0.00	185.43	8166.42	-1041.81	-99.11	1046.51	0.00	0.00	0.00	
8500.00	0.00	185.43	8266.42	-1041.81	-99.11	1046.51	0.00	0.00	0.00	
8600.00	0.00	185.43	8366.42	-1041.81	-99.11	1046.51	0.00	0.00	0.00	
8700.00	0.00	185.43	8466.42	-1041.81	-99.11	1046.51	0.00	0.00	0.00	
8800.00	0.00	185.43	8566.42	-1041.81	-99.11	1046.51	0.00	0.00	0.00	
8900.00	0.00	185.43	8666.42	-1041.81	-99.11	1046.51	0.00	0.00	0.00	
9000.00	0.00	185.43	8766.42	-1041.81	-99.11	1046.51	0.00	0.00	0.00	
9100.00	0.00	185.43	8866.42	-1041.81	-99.11	1046.51	0.00	0.00	0.00	
9200.00	0.00	185.43	8966.42	-1041.81	-99.11	1046.51	0.00	0.00	0.00	
9300.00	0.00	185.43	9066.42	-1041.81	-99.11	1046.51	0.00	0.00	0.00	
9400.00	0.00	185.43	9166.42	-1041.81	-99.11	1046.51	0.00	0.00	0.00	
9500.00	0.00	185.43	9266.42	-1041.81	-99.11	1046.51	0.00	0.00	0.00	
9600.00	0.00	185.43	9366.42	-1041.81	-99.11	1046.51	0.00	0.00	0.00	
9700.00	0.00	185.43	9466.42	-1041.81	-99.11	1046.51	0.00	0.00	0.00	
9800.00	0.00	185.43	9566.42	-1041.81	-99.11	1046.51	0.00	0.00	0.00	
9833.58	0.00	185.43	9600.00	-1041.81	-99.11	1046.51	0.00	0.00	0.00	PBHL

### Targets

Name	Description Dip. Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	Latitude Deg Min Sec	Longitude Deg Min Sec
Target 1		3375.00	-1041.81	-99.11	7134040.27	2142714.25	39 53 27.383 N	109 42 34.862 W
-Plan hit target								
PBHL		9600.00	-1041.81	-99.11	7134040.27	2142714.25	39 53 27.383 N	109 42 34.862 W
-Plan hit target								

### Casing Points

MD ft	TVD ft	Diameter in	Hole Size in	Name
3610.00	3376.42	0.000	0.000	9 5/8" Casing

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# Ryan Energy Technologies Planning Report



Company: Dominion Exploration & Product  
Field: Uintah County, Utah  
Site: WHB #5-5H  
Well: Well #5-5H  
Wellpath: Original Hole

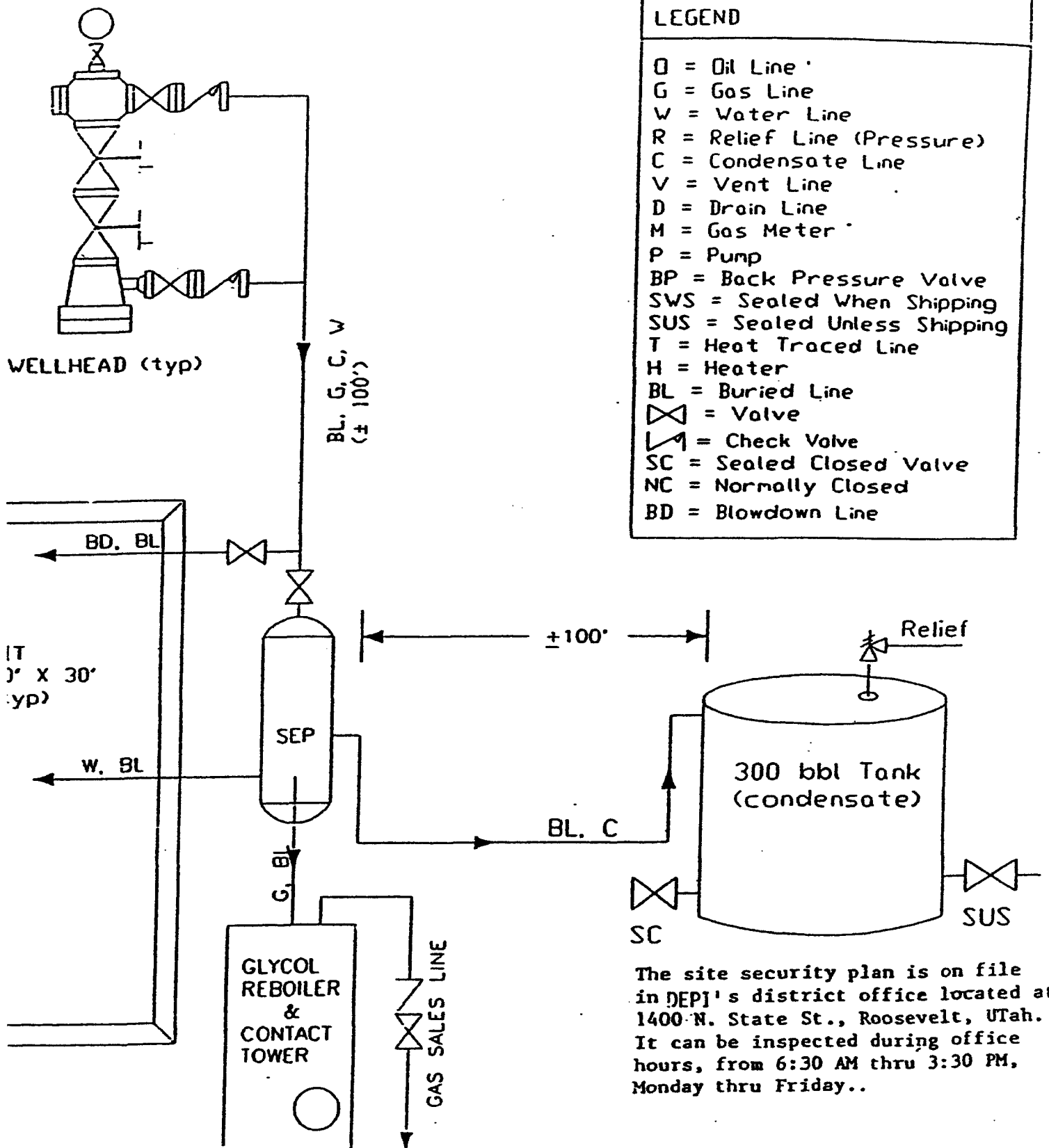
Date: 6/29/2007 Time: 10:44:11  
Co-ordinate(N/E) Reference: Well #5-5H, True North  
Vertical (TVD) Reference: SITE 5435.0  
Section (VS) Reference: Well (0.00N,0.00E,185.43Azi)  
Plan: Plan #1

Page: 4

## Formations

MD ft	TVD ft	Formations	Lithology	Dip Angle deg	Dip Direction deg
3948.58	3715.00	Wasatch Tongue		0.00	0.00
4298.58	4065.00	Green river Tongue		0.00	0.00
4443.58	4210.00	Wasatch		0.00	0.00
5283.58	5050.00	Chapita Wells		0.00	0.00
6458.58	6225.00	Uteland Buttes		0.00	0.00
7293.58	7060.00	Mesaverde		0.00	0.00

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The site security plan is on file in DEPI's district office located at 1400 N. State St., Roosevelt, Utah. It can be inspected during office hours, from 6:30 AM thru 3:30 PM, Monday thru Friday..



## SURFACE USE PLAN

### CONDITIONS OF APPROVAL

#### *Attachment for Permit to Drill*

**Name of Operator:** Dominion Exploration & Production  
**Address:** 14000 Quail Springs Parkway, Suite 600  
Oklahoma City, OK 73134  
**Well Location:** WHB 5-5H  
SHL: 959' FNL & 734' FWL, Sec. 5-11S-20E  
BHL: 2000' FNL & 650' FWL, Sec. 5-11S-20E  
Uintah County, UT

The dirt contractor will be provided with an approved copy of the surface use plan of operations before initiating construction.

The BLM onsite inspection for the referenced well was conducted on Wednesday, June 6, 2007 at approximately 11:30 am. In attendance at the onsite inspection were the following individuals:

Bruce Pargeets  
Shawnee Guzman  
Karl Wright  
Ken Secrest  
Danny Rasmussen  
Randy Jackson  
Billy McClure  
Don Hamilton

Tribal Technician  
BIA Technician  
Nat. Res. Prot. Spec.  
Field Foreman  
Surveyor  
Onwer  
Foreman  
Agent

Ute Indian Tribe – Energy & Minerals  
Bureau of Indian Affairs – U & O Agency  
Bureau of Land Management – Vernal  
Dominion E & P, Inc.  
Uintah Engineering & Land Surveying  
Jackson Construction  
LaRose Construction  
Buys & Associates, Inc.

1. Existing Roads:

- a. The proposed well site is located approximately 13.54 miles southwest of Ouray, UT.
- b. Directions to the proposed well site have been attached at the end of Exhibit B.
- c. The use of roads under State and County Road Department maintenance are necessary to access the Wild Horse Bench area. However, an encroachment permit is not anticipated since no upgrades to the State or County Road system are proposed at this time.
- d. All existing roads will be maintained and kept in good repair during all phases of operation.
- e. Vehicle operators will obey posted speed restrictions and observe safe speeds commensurate with road and weather conditions.
- f. Since no improvements are anticipated to existing State, County, Tribal or BLM access roads no topsoil striping will occur.
- g. A tribal right-of-way has been applied for and is pending approval at this time.
- h. An off-lease federal right-of-way is not anticipated for the access road or utility corridor since both are located on tribal surface.

2. Planned Access Roads:

- a. From the existing Wild Horse Ranch access road an access is proposed trending east approximately 1.3 miles to the proposed well site. The access consists of new disturbance and crosses no significant drainages.
- b. A road design plan is not anticipated at this time.
- c. The proposed access road will consist of a 24' travel surface within a 30' disturbed area across Ute Indian Tribe lands.
- d. BLM approval to construct and utilize the proposed access road is requested with this application.
- e. A maximum grade of 10% will be maintained throughout the project.
- f. No turnouts are proposed since adequate site distance exists in all directions.
- g. No low water crossings and no culverts are anticipated. Adequate drainage structures will be incorporated into the road.
- h. No surfacing material will come from federal or Indian lands.
- i. No gates or cattle guards are anticipated at this time.
- j. Surface disturbance and vehicular travel will be limited to the approved location access road.
- k. All access roads and surface disturbing activities will conform to the standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, (1989).
- l. The operator will be responsible for all maintenance of the access road including drainage structures.

3. Location of Existing Wells:

- a. Exhibit B has a map reflecting these wells within a one mile radius of the proposed well.

4. Location of Production Facilities:

- a. All permanent structures will be painted a flat, non-reflective Desert Brown or Carlsbad Canyon to match the standard environmental colors. All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded.
- b. Site security guidelines identified in 43 CFR 3163.7-5 and Onshore Oil and Gas Order No. 3 will be adhered to.
- c. A gas meter run will be constructed and located on lease within 500 feet of the wellhead. Meter runs will be housed and/or fenced. All gas production and measurement shall comply with the provisions of 43 CFR 3162. 7-3, Onshore Oil and Gas Order No. 5, and American Gas Association (AGA) Report No. 3.
- d. A tank battery will be constructed on this lease, it will be surrounded by a dike of sufficient

capacity to contain the storage capacity of the largest tank. All loading lines and valves will be placed inside the berm surrounding the tank battery. All liquid hydrocarbons production and measurement shall conform to the provisions of 43 CFR 3162.7-3 and Onshore Oil and Gas Order No. 4 and Onshore Oil and Gas Order No. 5 for natural gas production and measurement.

- e. Any necessary pits will be properly fenced to prevent any wildlife and livestock entry.
- f. All access roads will be maintained as necessary to prevent erosion and accommodate year-round traffic. The road will be maintained in a safe useable condition.
- g. The site will require periodic maintenance to ensure that drainages are kept open and free of debris, ice, and snow, and that surfaces are properly treated to reduce erosion, fugitive dust, and impacts to adjacent areas.
- h. A gas pipeline is associated with this application and is being applied for at this time. The proposed gas pipeline corridor will leave the west side of the well site and traverse 7,481' west to the proposed WHB Compressor facility suction pipeline corridor entirely across Ute Indian Tribe surface.
- i. The new gas pipeline will be a 12" or less steel surface line within a 20' wide utility corridor. The use of the proposed well site and access roads will facilitate the staging of the pipeline construction. A new pipeline length of approximately 7,481' is associated with this well.
- j. Dominion intends on installing the pipeline on the surface by welding many joints into long lengths, dragging the long lengths into position and then completing a final welding pass to join the long lengths together. Dominion intends on connecting the pipeline together utilizing conventional welding technology.

5. Location and Type of Water Supply:

- a. The location and type of water supply has been addressed as number 11 within the previous drilling plan information.

6. Source of Construction Material:

- a. The use of materials will conform to 43 CFR 3610.2-3.
- b. No construction materials will be removed from Ute Tribal or BLM lands.
- c. If any gravel is used, it will be obtained from a state approved gravel pit.

7. Methods of Handling Waste Disposal:

- a. All wastes associated with this application will be contained and disposed of utilizing approved facilities.
- b. Drill cuttings will be contained and buried on site.
- c. The reserve pit will be located outboard of the location and along the south side of the pad.
- d. The reserve pit will be constructed so as not to leak, break, or allow any discharge.
- e. The reserve pit will be lined with 16 mil minimum thickness plastic nylon reinforced liner

material. The liner will overlay a felt liner pad only if rock is encountered during excavation. The pit liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. Pit walls will be sloped no greater than 2:1. A minimum 2-foot freeboard will be maintained in the pit at all times during the drilling and completion operation.

- f. The reserve pit has been located in cut material. Three sides of the reserve pit will be fenced before drilling starts. The fourth side will be fenced as soon as drilling is completed, and shall remain until the pit is dry. After the reserve pit has dried, all areas not needed for production will be rehabilitated.
- g. No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completion of the well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completion of the well.
- h. Trash will be contained in a trash cage and hauled away to an approved disposal site as necessary but no later than at the completion of drilling operations. The contents of the trash container will be hauled off periodically to the approved Uintah County Landfill near Vernal, Utah.
- i. Produced fluids from the well other than water will be produced into a test tank until such time as construction of production facilities is completed. Any spills of oil, gas, salt water or other produced fluids will be cleaned up and removed.
- j. After initial clean-up, a 400 bbl tank will be installed to contain produced waste water. This water will be transported from the tank to an approved Dominion disposal well for disposal.
- k. Produced water from the production well will be disposed of at the RBU 13-11F or RBU 16-19F disposal wells in accordance with Onshore Order #7.
- l. Any salts and/or chemicals, which are an integral part of the drilling system, will be disposed of in the same manner as the drilling fluid.
- m. Sanitary facilities will be on site at all times during operations. Sewage will be placed in a portable chemical toilet and the toilet replaced periodically utilizing a licensed contractor to transport by truck the portable chemical toilet so that its contents can be delivered to the Vernal Wastewater Treatment Facility in accordance with state and county regulations.

8. Ancillary Facilities:

- a. Garbage Containers and Portable Toilets are the only ancillary facilities proposed in this application.

9. Well Site Layout: (See Exhibit B)

- a. The well will be properly identified in accordance with 43 CFR 3162.6.
- b. Access to the well pad will be from the west.
- c. The pad and road designs are consistent with Ute Indian Tribe and BLM specifications.
- d. A pre-construction meeting with responsible company representative, contractors and the

BLM will be conducted at the project site prior to commencement of surface-disturbing activities. The pad and road will be construction-staked prior to this meeting.

- e. The pad has been staked at its maximum size; however it will be constructed smaller if possible, depending upon rig availability. Should the layout change, this application will be amended and approved utilizing a sundry notice.
- f. All surface disturbing activities, will be supervised by a qualified, responsible company representative who is aware of the terms and conditions of the APD and specifications in the approved plans.
- g. All cut and fill slopes will be such that stability can be maintained for the life of the activity.
- h. Diversion ditches will be constructed as shown around the well site to prevent surface waters from entering the well site area.
- i. The site surface will be graded to drain away from the pit to avoid pit spillage during large storm events.
- j. The stockpiled topsoil (first 6 inches or maximum available) will be stored in a windrow on the uphill side of the location to prevent any possible contamination. All topsoil will be stockpiled for reclamation in such a way as to prevent soil loss and contamination.
- k. Pits will remain fenced until site cleanup.
- l. The blooie line will be located at least 100 feet from the well head.
- m. Water injection may be implemented if necessary to minimize the amount of fugitive dust.

10. Plans for Restoration of the Surface (Interim Reclamation and Final Reclamation):

- a. Site reclamation for a producing well will be accomplished for portions of the site not required for the continued operation of the well.
- b. Upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1. Once the reserve pit is dry, the plastic nylon reinforced liner shall be torn and perforated before backfilling of the reserve pit. The reserve pit and that portion of the location not needed for production facilities/operations will be re-contoured to the approximate natural contours.
- c. Following BLM published Best Management Practices the interim reclamation will be completed within 90 days of completion of the well to reestablish vegetation, reduce dust and erosion and compliment the visual resources of the area.
  - a. All equipment and debris will be removed from the area proposed for interim reclamation and the pit area will be backfilled and re-contoured.
  - b. The area outside of the rig anchors and other disturbed areas not needed for the operation of the well will be re-contoured to blend with the surrounding area and reseeded at 12 lbs /acre with the following native grass seeds:
    - 1. Crested Wheat Grass (4 lbs / acre)
    - 2. Needle and Thread Grass (4 lbs / acre)
    - 3. Rice Grass (4 lbs / acre)
  - c. Reclaimed areas receiving incidental disturbance during the life of the producing well will be re-contoured and reseeded as soon as practical.
- d. The Operator will control noxious weeds along access road use authorizations, pipeline route authorizations, well sites, or other applicable facilities by spraying or mechanical removal. A

list of noxious weeds may be obtained from the BLM or the appropriate County Extension Office. On BLM administered land, it is required that a Pesticide Use Proposal be submitted and approved prior to the application of herbicides, pesticides or possibly hazardous chemicals.

- e. Prior to final abandonment of the site, all disturbed areas, including the access road, will be scarified and left with a rough surface. The site will then be seeded and/or planted as prescribed by the Ute Indian Tribe. The Ute Indian Tribe recommended seed mix will be detailed within their approval documents.

11. Surface and Mineral Ownership:

- a. Surface Ownership – Ute Indian Tribe under the management of the Energy & Minerals Department, P.O. Box 190, Fort Duchesne, Utah 84026; 435-725-4950
- b. Mineral Ownership – Federal under the management of the Bureau of Land Management - Vernal Field Office, 170 South 500 East, Vernal, Utah 84078; 435-781-4400.

12. Other Information:

- a. Buys & Associates, Inc. has conducted a Class III archeological survey. A copy of the report has been submitted under separate cover to the appropriate agencies by Buys & Associates, Inc. as report number U-07-322-42-0007 that has also been attached to this APD as Exhibit "G".
- b. Alden Hamblin has conducted a paleontological survey. A copy of the report has been submitted under separate cover to the appropriate agencies by Alden Hamblin that has also been attached to this APD as Exhibit "G".
- c. Our understanding of the results of the onsite inspection are:
  - a. No drainage crossings that require additional State or Federal approval are being crossed.
  - b. No Threatened and Endangered flora and fauna species were found during the onsite inspection.
  - c. The known arch site along the existing road is being avoided through a minor road re-route approved by the Ute Indian Tribe and the consulting archaeologist.

13. Operator's Representative and Certification

<u>Title</u>	<u>Name</u>	<u>Office Phone</u>
Company Representative (Roosevelt)	Ken Secrest	1-435-722-4521
Company Representative (Oklahoma)	Barbara Lester	1-405-749-5237
Agent for Dominion	Don Hamilton	1-435-719-2018

Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exists; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Dominion Exploration & Production, Inc. and its contractors and subcontractors in conformity with this APD package and the terms and conditions under which it is approved. I also certify responsibility for the operations conducted on that portion of the leased lands associated with this application, with bond coverage being provided under Dominion's BLM bond. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Signature: Don Hamilton Date: 7-11-07

## PALEONTOLOGY EVALUATION SHEET

---

**PROJECT:** Dominion Exploration Well WHB #4-5H & #5-5H

Survey included proposed road and pipeline to well pad for WHB #3-5H& 6-H.

**LOCATION:** Fourteen miles south of Ouray, Utah. Section 5, LOT 4, T11S, R20E, S.L.B.&M.

**OWNERSHIP:** PRIV[ ] STATE[ ] BLM[ ] USFS[ ] NPS[ ] IND[ X ] MIL[ ] OTHER[ ]

**DATE:** May 8, 2007

**GEOLOGY/TOPOGRAPHY:** Uinta Formation, lower part, Eocene Age. Location sits on a narrow ridge, part of Wild Horse Bench, north of Browns Canyon. There is a lot of bench top cover of silty sand and weathering rock fragments. The road and pipeline come in from the west cross the bench through several small saddles with Uinta Formation exposures. Also, there are Uinta Formation exposures near and along the canyon walls.

**PALEONTOLOGY SURVEY:** YES [ X ] NO Survey [ ] PARTIAL Survey [ ]

Performed a pedestrian survey of the road, pipeline and well location.

**SURVEY RESULTS:** Invertebrate [ ] Plant [ ] Vertebrate [ X ] Trace [ ] No Fossils Found [ ]

A few fragments of turtle shell were observed along the pipeline in one saddle (A) and a few turtle shell fragments were found along the road in the other saddle (B). This material was recorded as a fossil locality 42Un2302V.

**PALEONTOLOGY SENSITIVITY:** HIGH [ ] MEDIUM [ x ] LOW [ X ] (PROJECT SPECIFIC)

**MITIGATION RECOMMENDATIONS:** NONE [ X ] OTHER [ ] (SEE BELOW)

No recommendations are being made for this well location.

There is always some potential for discovery of significant paleontological resources in the Uinta Formation. If significant vertebrate fossils (mammals, crocodiles, complete turtle shells, etc.) are encountered during construction, work should stop in that area and a paleontologist should be contacted to evaluate the material discovered.

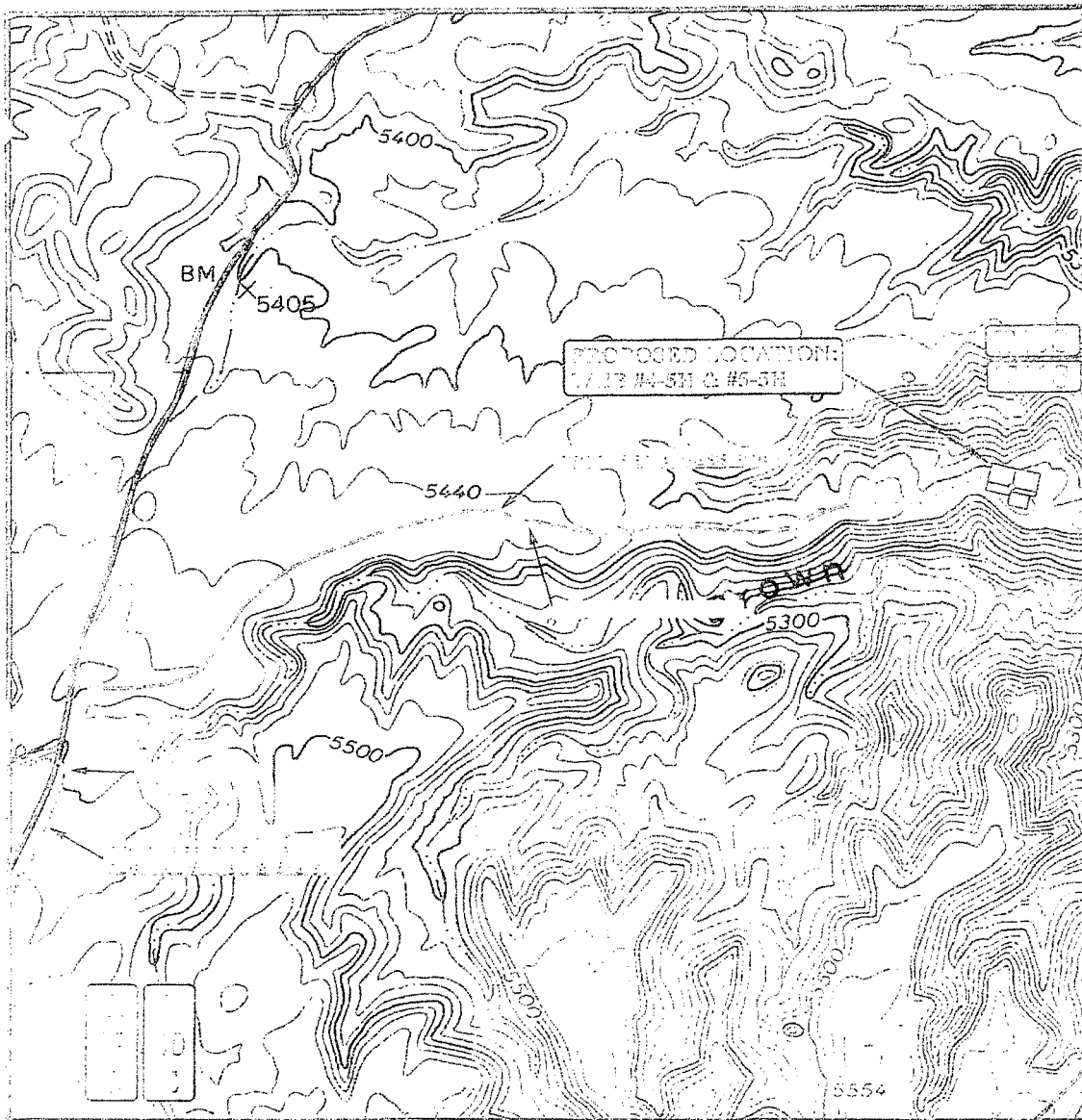
**PALEONTOLOGIST:** Alden H. Hamblin

*A.H. Hamblin Paleontological Consulting, 3793 N. Minersville Highway, Cedar City, Utah 84720 (435) 867-8355*

Utah State Paleontological Permit # 04-339, BLM paleontological Resources Permit # UT-S-05-02.

Ute Tribe Access Permits – 09/30/06 & 03/31/07. Utah Professional Geologist License – 5223011-2250.





**LEGEND:**

- PROPOSED ACCESS ROAD
- EXISTING PIPELINE
- PROPOSED PIPELINE
- CASEY, J. D. 1981

Utah Engineering & Land Surveying  
 88 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813

**DOMINION EXPLR. & PROD., INC.**

WHE #4-5M & #5-5M  
 SECTION 5, T11S, R20E, S1E3&M.  
 LOT 4

MONTH DAY YEAR  
 SCALE: 1" = 1000' DRAWN BY: J.K. REVISED: 00-00-00

CLASS III CULTURAL RESOURCE INVENTORY OF DOMINION'S PROPOSED  
LOCATION WILD HORSE BENCH #4-5H and #5-5H, ASSOCIATED ACCESS ROAD,  
AND PIPELINE

UINTAH COUNTY, UTAH

Author:

Shina duVall, Cultural Resource Specialist

Prepared for:

Dominion Exploration & Production, Inc.  
1400 North State Street; PO Box 1360  
Roosevelt, UT 84066

Prepared by:

Buys & Associates, Inc. Environmental Consultants  
300 E. Mineral Avenue, Suite 10  
Littleton, CO 80122-2655

Principal Investigator: Jonathan D. Kent, Ph.D

Buys & Associates, Inc. Report No.: U-07-322-42-0007  
State of Utah Project No.: U-07-UY-0538i

June 4, 2007

Utah State Archaeological Survey Permit No.: 85  
United States Department of the Interior Federal Land Policy and Management Act  
(FLPMA) Permit No.: *Pending*

#### CONFIDENTIALITY NOTICE:

Section 304 of the National Historic Preservation Act (16 U.S.C. 470w-3[a]) and Section 9 of the Archaeological Resources Protection Act of 1979 (16 U.S.C. 470hh) establish regulations regarding the confidentiality of information concerning the nature and location of archaeological resources. Therein is stated that information concerning the nature and location of any archaeological resource may not be made available to the public unless the Federal land manager concerned determines that such disclosure would not create a risk of harm to such resources or to the site at which such resources are located, or impede the use of a traditional religious site by practitioners.

As such, to the extent permitted by law, all information on archaeological resources and their locations gathered and presented with regard to the proposed project will be treated as confidential. All parties associated with the proposed project will ensure (1) that all information regarding specific site locations is kept confidential except for disclosures required by law or necessary to carry-out protection of sites; (2) that specific site locations are not included in any document made available to the general public; and (3) this information shall not be utilized by the requestor to destroy, excavate, or vandalize resources.

## ABSTRACT

A Class III cultural resource inventory was conducted by Buys & Associates, Inc. in May 2007 for Dominion Exploration & Production, Inc.'s proposed locations #4-5H and #5-5H as well as 1.50 miles of associated access road and pipeline. The Project Area is located east of the Green River, just southwest of the confluence of Hill Creek, Willow Creek, and Pariette Draw in the general area of Wild Horse Bench and Brown Canyon in the Uinta Basin, Uintah County, Utah. The legal location of the Project Area is Section 5 and 6, Township 11S, Range 20E; and Section 1, Township 11S, Range 19E. The total area of survey included 36.6 acres on land administered by the Ute Indian Tribe on the Uintah and Ouray Indian Reservation.

This Class III inventory resulted in the identification of three previous cultural resource inventories that were conducted within 1 mile of the Project Area. These previous inventories resulted in the identification of 25 archaeological sites. However, none of these previously recorded sites is located in the present area of potential effect. One new site (**42Un5834**) was recorded as a result of this inventory. This newly recorded site (**42Un5834**) is recommended as eligible for listing on the National Register of Historic Places.

It is recommended that Site **42Un5834** identified during this inventory be avoided by the proposed undertaking. Adherence to the recommended avoidance/mitigation measures will result in a finding of no effects to any historic properties as a result of the undertaking. Therefore, a determination of "no historic properties affected" is proposed for the project pursuant to Section 106 of the National Historic Preservation Act (36 CFR 800).

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# 1. INTRODUCTION

Buy's & Associates, Inc. (B&A) conducted this Class III cultural resource inventory of Dominion Exploration & Production, Inc.'s (Dominion) proposed well locations #4-5 and #5-5, as well as 1.50 miles of associated access road and pipeline. The Project Area is located east of the Green River, just southwest of the confluence of Hill Creek, Willow Creek, and Pariette Draw in the general area of Wild Horse Bench and Brown Canyon in the Uinta Basin, Uintah County, Utah. The legal location of the Project Area is Section 5 and 6, Township 11S, Range 20E; and Section 1, Township 11S, Range 19E. The total area of survey included 36.6 acres on land administered by the Ute Indian Tribe on the Uintah and Ouray Indian Reservation.

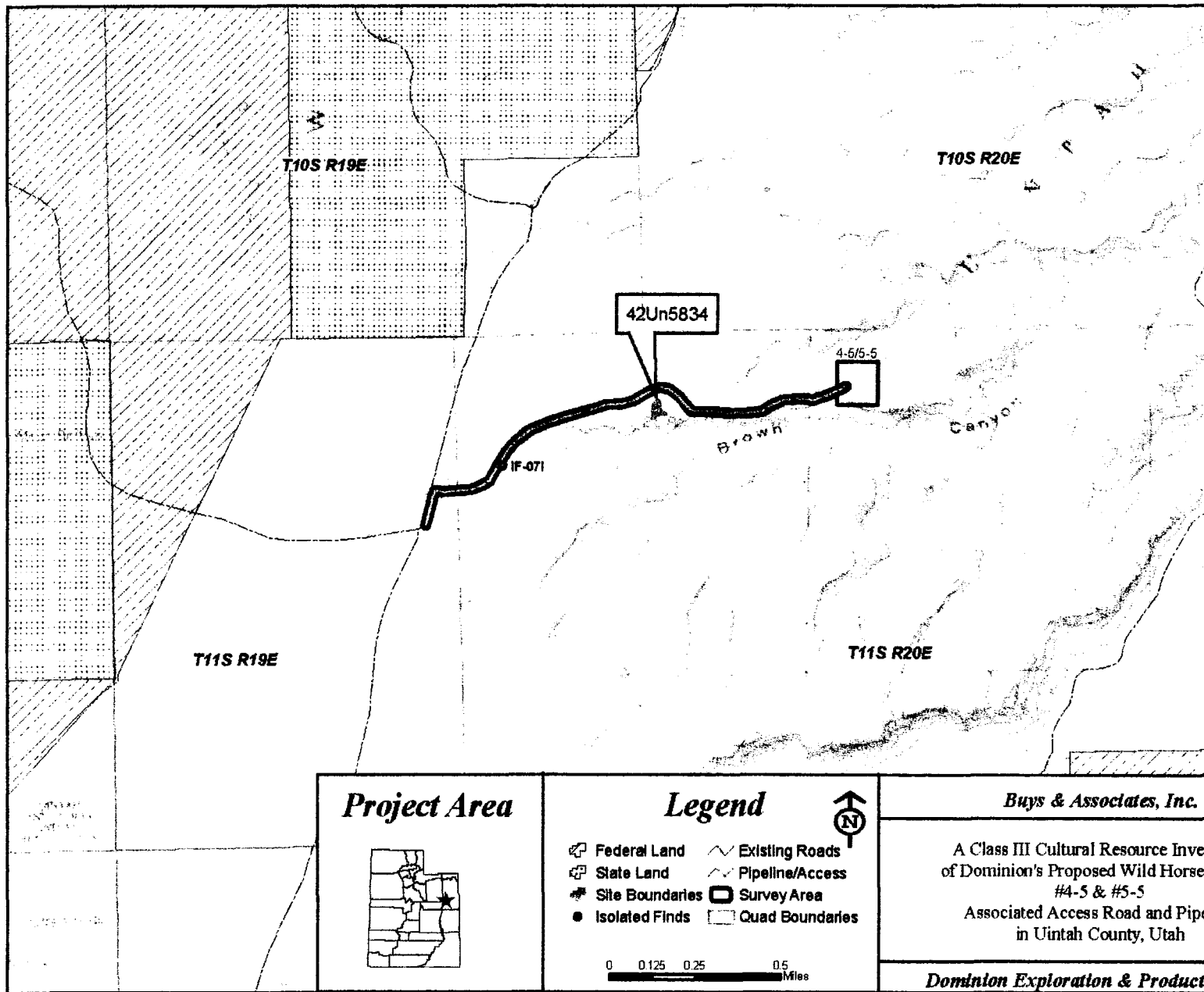
This cultural resource inventory was conducted in compliance with Federal and State legislation including Section 106 of the NHPA of 1966 (as amended) (NHPA), the National Environmental Policy Act of 1969, the Archaeological and Historic Preservation Act of 1974, the Archaeological Resources Protection Act of 1979, and the American Indian Religious Freedom Act of 1978. The NHPA sets forth national policy and procedures regarding "historic properties"—that is, regions, sites, buildings, structures, and objects included in or eligible for the National Register of Historic Places (NRHP). Section 106 of the NHPA requires Federal agencies to consider the effects of their undertakings on such properties, following regulations issued by the Advisory Council on Historic Preservation (ACHP) (36 CFR 800).

Criteria for evaluating the significance of resources for listing on the NRHP are outlined in 36 CFR 800.10, "National Register Criteria." The quality of significance in American history, architecture, archaeology, engineering, and culture is present in districts, sites, buildings, structures, and objects that possess integrity of location, design, setting, materials, workmanship, feeling, and association, and,

- a) That are associated with events that have made a significant contribution to the broad patterns of our history.
- b) That are associated with the lives of persons significant in our past.
- c) That embody the distinctive characteristics of a type, period, or method of construction, or represent the work of a master, or that possess high artistic values, or that represent a significant and distinguishable entity whose components may lack individual distinction, and,
- d) That have yielded, or may be likely to yield, information important in prehistory or history.

This Class III cultural resource inventory was conducted by Shina duVall and Jenny Lange of B&A during the week of May 7-11, 2007. The archaeologists were accompanied in the field by personnel from the Ute Tribe Energy and Minerals Department. The records search was conducted by Marty Thomas at the Division of State History, Salt Lake City, Utah on April 28, 2007. Jonathan D. Kent, Ph.D served as the principal investigator. All field notes and photographs are on file at B&A's office in Littleton, Colorado under project number U-07-322-42-0007.

This Class III inventory resulted in the identification of three previous cultural resource inventories that were conducted within 1 mile of the Project Area. These previous inventories resulted in the identification of 25 archaeological sites. However, none of these previously recorded sites are located in the present area of potential effect. One new site (**42Un5834**) was recorded as a result of this inventory. This newly recorded site (**42Un5834**) is recommended as eligible for listing on the NRHP.



**Figure 1.1** Location of Dominion's Proposed Wild Horse Bench #4-5H and #5-5H, Associated Access Road, and Pipeline Showing Re-Route to Avoid 42Un5834



## **2. ENVIRONMENT**

The Uinta Basin and Mountains are located in the northeast corner of the state of Utah and are part of a larger physiographic area known as the Colorado Plateau. The Project Area is located east of the Green River, just west of the confluence of Hill Creek, Willow Creek, and Pariette Draw in the general area of Wild Horse Bench and Brown Canyon in the Uinta Basin, Uintah County, Utah. The elevation of the Project Area ranges from approximately 5,300 to 5,600 feet. The topography consists of flat rocky ridges dissected by deep narrow canyons. It is characterized by raised, sloping benches or rides, incised ephemeral draws, and washes. Soils in the Project Area are shallow and consist of clay loams. Colluvium with some bedrock sandstone is also present. Drainage in the area is to the north with the Alger Pass drainages associated with Kings Canyon and the Willow Creek Unit drainages connected to Brown Canyon. Vegetation in the area includes Utah juniper, pinyon pine, black sagebrush, shadscale, galleta grass, Gardner's saltbush, prickly phlox, horsebrush, bud sage, American kochia, and cheat grass, with either pinyon and juniper trees and sagebrush as the dominant vegetation type. The Project Area and the Green River to the north and west provide habitat for numerous species of birds, mammals, reptiles, amphibians, fish, and invertebrates. Modern disturbances include oil and gas facilities and various roads.

## **3. CULTURE HISTORY**

The prehistory of the Uinta Basin is complex and poorly understood because of its location at the intersection of the Great Basin, Colorado Plateau, and Northern Plains cultures. The cultural trajectory of change in the Uinta Basin has been generally categorized into five cultural-chronological periods, defined by Jennings (1986). These are the Paleoindian, Archaic, Formative (Fremont), Post Formative (Protohistoric), and Contact periods. The earliest evidence of a human presence in the area (during the Paleoindian period) dates back to approximately 12,000 years before present (B.P.) during the terminal Pleistocene. This period is characterized by specialized hunting of big game animals, including the now-extinct species of mammoth and bison. Evidence for the Paleoindian presence in the Uinta Basin region comes from a few Clovis and Folsom projectile points and some Plano Complex lanceolate projectile points (Hauck 1998). However, these sparse isolated finds define the extent of the Paleoindian presence in the area, as few sites associated with the period have been sufficiently documented (Spangler 1995:332).

The Archaic stage, which dates from approximately 8000 B.P. to 1500 B.P., is better represented in the archaeological record of the area. This period is further subdivided into the Early Archaic phase, which dates from approximately 8000 to 5000 B.P.; the Middle Archaic, which dates to approximately 5000 B.P. to 2500 B.P.; and the Late Archaic, which dates from approximately 2500 B.P. to 1450 B.P. In the Uinta Basin, there are few artifacts or sites dating to the Early Archaic, but the Middle and Late Archaic phases are better represented in the archaeological record (Holmer 1986). In comparison to the Paleoindian period, the Archaic period is characterized by increased foraging subsistence strategy. Archaic peoples exploited a wide variety of floral resources, and began hunting an array of smaller to medium-sized game animals such as cottontail rabbits, muskrats, birds, beavers, prairie dogs, deer, antelope, mule, and

bighorn sheep. Archaic period cultural material includes an elaboration and expansion of the lithic toolkit with the introduction of new types of projectile points and the atlatl. Site types associated with the Archaic period include rock shelters, open-air campsites, plant gathering areas, and processing sites (Spangler 1995). The archaeological record indicates that the population in the Uinta Basin increased during the Middle Archaic period and continued to increase into the Late Archaic period. The first evidence of the construction of formal architectural features, such as semi-subterranean residential structures, and the beginnings of maize horticulture begin during the Late Archaic period.

The Formative period (Fremont) dates to approximately 2500 B.P. to annos domini (A.D.) 1400. During this period, the populations living in the Uinta Basin became more dependent on cultivated crops including corn, beans, and squash (Marwitt 1970). The Formative period is also marked by increased sedentism and the introduction of more elaborate and formal architectural features, such as shallow pithouse structures. Larger groups began occupying more permanent villages and some habitation sites appear to be positioned in strategic locations, such as atop buttes (Shields 1970). In addition, the Formative period, known in this area as the Uinta Fremont period, witnessed the introduction of additional specialized technologies such as ceramics and the bow and arrow. The archaeology of Uinta Fremont period architectural features has revealed evidence of postholes, hearths, two-handled wide-mouth vessels, and metates (Shields 1970).

The archaeological record indicates that the Formative period overlaps with the Post-Formative (Protohistoric) period as evidence suggests the arrival of Numic peoples in the area before the disappearance of Formative-period peoples (Reed 1994). Evidence of Numic (Ute and Shoshonean) artifacts and sites appears around approximately A.D. 1100. This transition from the Formative to the Post-Formative (Protohistoric) periods is characterized by a return to subsistence and settlement patterns that resembled the Archaic period trends, including more nomadic and semi-sedentary lifeways, and increased hunting and gathering. The exact nature, timing, and reasons for this transition and the apparent replacement of the rich and extensive Fremont culture and subsequent return to a more nomadic, hunting and gathering lifeway is unknown. Floral and faunal resources exploited by Numic-speaking peoples appear to have included goosefoot, grass seeds, pinyon nuts, juniper berries, squawbush berries and leaves, hackberry seeds, saltbush seeds, knotweed, chokecherry, chickweed, various small game, and deer, elk, pronghorn, and bison (Reed 1994:191). The habitation features of the Numic-speaking peoples consist primarily of wickiups, which are frame huts covered with matting made from bark or brush. It appears that the seasonal movement of small groups during this period was necessary to utilize these various resources. Cultural material in the archaeological record that is associated with Numic-speaking peoples include lithic stone tool scatters, brown ware pottery, "Shoshonean knives" (Janetski 1994), and rock art.

Euro-American activity in the Uinta Basin began with an initial interest in trapping and mineral and petroleum development and is generally defined by periods of Exploration, Trapping and Trading (1776-1852); Early Settlement (1853-1861); Reservation (1862-1868); Secondary Settlement and Early Irrigation (1869-1885); Mineral Development (1886-1904); Land Rush and Water Development (1905-1927); Drought, Depression, and World War II (1928-1945); and Post-War (1946-present).

The Dominguez and Escalante expedition of 1776 marks the beginning of the historic period in this area. In his diary, Escalante called the basin "a fine plain abounding in pasturage and fertile, arable land, provided it were irrigated." These explorers opened the basin to Spanish, Mexican, American, and British fur-trappers, traders, and settlers. Over the next 100 years, early trappers, Mormon settlers, surveyors, and military expeditions passed through or settled in the area. Historic resource exploitation in this area includes mining, logging, and oil and gas extraction. The early historic periods were often marked by conflict between the original inhabitants of the region and Euro-American groups.

Between the late 1820s and the 1840s, the basin and mountains were visited by such prominent historical figures as William H. Ashley, Etienne Provost, Antoine Robidoux, and Kit Carson. At least two semi-permanent trading posts were established in the basin. These included Fort Robidoux (Fort Uintah or Winty) and Fort Kit Carson. Furthermore, several expeditions visited the area, including the Captain John C. Fremont expedition during the 1840s, and that of Major John Wesley Powell who floated the Green River in 1869 and 1871. The area was not initially identified as an area to be settled by Mormon leaders. In the early 1860s, Brigham Young sent a small expedition to the area to determine its suitability for settlement, but the expedition reported that "all that section of country lying between the Wasatch Mountains and the eastern boundary of the territory, and south of Green River country, was one vast contiguity of waste and measurably valueless...excepting for nomadic purposes, hunting grounds for Indians and to hold the world together."

The Uintah Reservation was established in 1861. Several Ute groups, including the Uinta-ats (Tavaputs), PahVant, Tumpanawach, Cumumba, and Sheberetch formed the Uintah Band during the late 1860s to early 1870 (Burton 1996). The Uintah Reservation was established to include Utes who had previously lived in central Utah and Ute groups from Colorado, specifically the White River Utes who had participated in the Meeker Massacre of September 29, 1879, were added to the Utah reservation in 1882 (Burton 1996; Callaway, Janetski, and Stewart 1986). The establishment of the reservation and subsequent inclusion of Ute groups from Colorado required that the Utes living in central Utah and the White River Utes of Colorado give up their residence there, and move to the Uintah Reservation, which is located in the northeast portion of the state of Utah. In addition, the Ouray Reservation, which bordered the southern boundary of the Uintah Reservation, was established during this time. This reservation was set up to include a band of Uncompahgre Utes. The Utes that were forced to move into these reservations were forced to sell their lands, and in many cases were not compensated for any resulting loss of land or independence. Furthermore, their relocation, residence, and containment on the two reservations was enforced militarily by the infantry stationed at the Department of War at Fort Thornburgh, which was established in 1881 (Burton 1996). Originally, the Uintah-Ouray Reservation encompassed over 3.5 million acres. However today, the Uintah Utes, White River Utes, and Uncompahgre Utes occupy only a small fraction of their former reservation lands. Between 1890 and 1933, over 500,000 acres of the Uintah-Ouray Reservation were taken for homesteading, and in 1906, over 900,000 additional acres were taken from the reservation and added to the National Forests (Clemmer 1986).

Thomas Smart was one of the first white settlers to inhabit the area east of Ouray in 1878. This was followed by additional settlement in the area of the White River in the late 1870s to early 1880s. In 1888, gilsonite and other asphaltum minerals were

discovered in various parts of the basin, which included eastern portions of the Uintah-Ouray Reservation. Miners convinced the Federal government to withdraw 7,000 acres from the reservation so that they could legally proceed with gilsonite mining activities. This area was called "the Strip." Between the late 1880s and early 1900s, the Dawes Act of 1887 and other mining and development campaigns succeeded in opening the Uinta Basin Indian Reservations, including the Uintah, the Ouray, and the Uncompahgre, to homesteading, development, and mining activities. The Mormon presence and increased settlement in the area grew after Thomas Smart's brother, William H. Smart, organized several expeditions into the Ouray Valley and the newly opened Ute Reservation. William H. Smart also became the president of the Wasatch Latter Day Saints (LDS) State in 1901 (Burton 1998). Several LDS families relocated to this area following Smart's initial exploration.

Early settlers in the region depended on livestock as the primary industry. Ranching and livestock make up an important part of the history of the Uinta Basin. Cattle were brought in from Brown's Park in Texas and other eastern areas since the early 1850s, and they were brought up to the Green River and surrounding mountain areas. The area offered an abundance of grass and water appropriate for livestock management. In 1912, the Uintah Cattle and Horse Growers Association was established. This group served to organize and issue brands to ranchers and to curtail rampant cattle rustling, which was becoming a significant problem as existing ranches grew in size and new ranches were established in the area (Burton 1996). Following the development of the cattle ranching industry, the sheep industry and the production of wool became an important industry in the Uinta Basin and its introduction coincided and possibly played a part in the waning of the cattle ranching industry. Sheep were desirable because of their heartiness and ability to survive the difficult basin winters better than cattle. Robert Bodily introduced the region to sheep in 1879 when he introduced a herd of 60. Following this introduction, the number of sheep being ranches in the region grew to approximately 50,000 head by the mid 1890s. Large-scale shearing corrals were built by C.S. Carter, and later by the Uintah Railway Company, and in 1899, the Uinta Basin sheep ranching industry was shipping 500,000 pounds of wool out of the area. The enormous growth of the wool industry in the region resulted in the passing of the Taylor Grazing Act in 1934, which designated certain areas as "districts" to stockmen, and required permits for livestock grazing. This act and acts like it led in part to the development of the Bureau of Land Management in 1946 (Burton 1996).

Uintah County is recognized for its various natural resources. These include coal, copper, iron, asphalt, shale, and as aforementioned, gilsonite. Commercial oil production began in 1948, but was not fully exploited until the 1970s, when the price of crude oil increased. The region has since experienced a boom and bust economic climate that is highly dependent on the price of and demand for oil and gas. Most recently the economic stability of the Uinta Basin is increasingly dependent on world energy prices and demand.

#### **4. CLASS I INVENTORY**

A file search for previous projects and documented cultural resources was conducted at the Division of State History – Utah State Historic Preservation Office (SHPO) on April 28, 2007. The purpose of the file search was to identify the previous cultural resource inventories conducted within the Project Area and the number, type, and eligibility

recommendations made for all of the archaeological sites previously documented. The NRHP National Register Information System (NRIS) online database was also consulted to determine if there are any NRHP-listed sites within the Project Area.

The results of the Class I inventory indicated that three previous cultural resource inventories that were conducted within 1 mile of the Project Area. These previous inventories resulted in the identification of 25 archaeological sites. However, none of these previously recorded sites are located in the present area of potential effect. These inventories and their findings are summarized in **Table 4.1**.

**Table 4.1 Previous Cultural Resource Inventories Conducted in the Vicinity of the Project Area and Applicable Findings**

<b>Project No.</b>	<b>Company Name</b>	<b>Project Name</b>	<b>Findings</b>
U-87-AF-636s,i	Archeological-Environmental Research Corporation	Cultural Resource Evaluation of Two Proposed Well Locations in the Hill Creek Locality of Uintah County, Utah	No Cultural Resources
U-04-MQ-1424b,i	Montgomery Archaeological Consultants, Inc.	Cultural Resource Inventory of Ute/FNR LLC's Wild Horse Bench Proposed Pipeline, Uintah County, Utah	42Un4557 through 42Un4580 42Un4593
U-06-MQ-533b,s	Montgomery Archaeological Consultants, Inc.	Cultural Resource Inventory of EOG Resources, Inc.'s Proposed: Wild Horse Divide #13-1 Well Location in Uintah County, Utah	No Cultural Resources

## 5. FIELD SURVEY

The objective of the field inventory is to identify and document all eligible prehistoric and historic archaeological sites, as well as areas that may have a high probability of significant subsurface materials that may be impacted by the proposed undertaking. During the survey, the ground surface is examined for archaeological artifacts, features, or other evidence of human presence including charcoal-stained sediments or rock surface oxidation indicating the presence of fire. Particular consideration is given to areas of existing surface disturbance, including areas of erosion, cutbanks, animal burrows, anthills, roads, and other areas of construction activities as these areas provide indications of the potential for subsurface deposits of cultural material.

The Class III field inventory was conducted on all areas proposed for surface disturbance. At each proposed well location, a 10-acre square parcel is defined, centered on the well pad center stake. The survey area width for the access road and pipeline routes is 30 meters (100 feet) to either side of the centerline. A 100 percent pedestrian coverage survey is then conducted on the entire 10-acre area with archaeologists walking parallel transects spaced at 15 meters (45 feet) apart.

## 6. SUMMARY OF THE KNOWN CULTURAL RESOURCES

This Class III inventory resulted in the identification of three previous cultural resource inventories that were conducted within 1 mile of the Project Area. These previous inventories resulted in the identification of 25 archaeological sites. However, none of these previously recorded sites are located in the present area of potential effect.

One new site (**42Un5834**) was recorded as a result of this inventory. This newly recorded site (**42Un5834**) is recommended as eligible for listing on the NRHP and is summarized below.

### **42Un5834**

**Site Type:** Temporary Camp

**Cultural Affiliation:** Euro-American

**Eligibility Recommendation:** Eligible

This site is a historic temporary sheep herding camp situated on the east edge of Wild Horse Bench. It consists of one feature, a rock alignment, and an artifact assemblage consisting of several classes of artifacts.

Cultural materials include a rock alignment, tin cans, glass, and miscellaneous artifacts. The rock alignment features approximately seven local stones, arranged in a semi-circle, partially surrounding one stone that is positioned upright. This feature is also surrounded by a scatter of wood debris (**Figure 6.13, 6.14, and 6.15**). No oxidation appears to be present on any of the rocks associated with this feature.

Tin cans include 43 hole-in-cap cans, one aluminum pepper container (**Figure 6.11**), one tobacco tin, and several can fragments. In addition, one mason jar lid is located at the site. Glass items consist of one small jar that probably contained mustard with a Hazel-Atlas Glass Company (1902-1964) punt mark on the base (**Figure 6.2 and 6.3**), one intact mason jar with lid (**Figure 6.2**), one intact bottle that probably contained ketchup with an Owens-Illinois Glass Company (1929-1958) punt mark on its base (**Figure 6.6, 6.7, and 6.8**), and the broken base of a glass bowl also with an Owens-Illinois Glass Company punt mark on the base (**Figure 6.10**). In addition, there are over 90 shards of broken clear, green, and brown glass at the site. Miscellaneous items include a metal jack (**Figure 6.5**), two metal hack saw blades measuring between 8-10 inches long and ¾-inches wide (**Figure 6.4**), wire, two rocks that are wrapped with wire, a metal sign with wooden backing and illegible print (**Figure 6.1**), a piece of black chalk (**Figure 6.9**), and what appears to have been a metal gate latch (**Figure 6.12**), possibly for use with an enclosure. This gate latch appears to be associated with the rock alignment and scattered wood debris, all of which may have been used as a corral. Based on the assemblage of artifacts at the site, and the associated feature, this site is recommended as eligible for listing on the NRHP under Criterion D. This site represents a historic temporary camp related to shepherding on the Uintah and Ouray Indian Reservation. The site exhibits several classes of artifacts and a feature that likely represents the remains of a corral or animal enclosure. This feature, in combination with the artifact assemblage at the site has the potential to provide information on the historic range activities in the area, which are likely to have included shepherding and corralling, consumption, and the related activities that involved the use of a variety of tools.

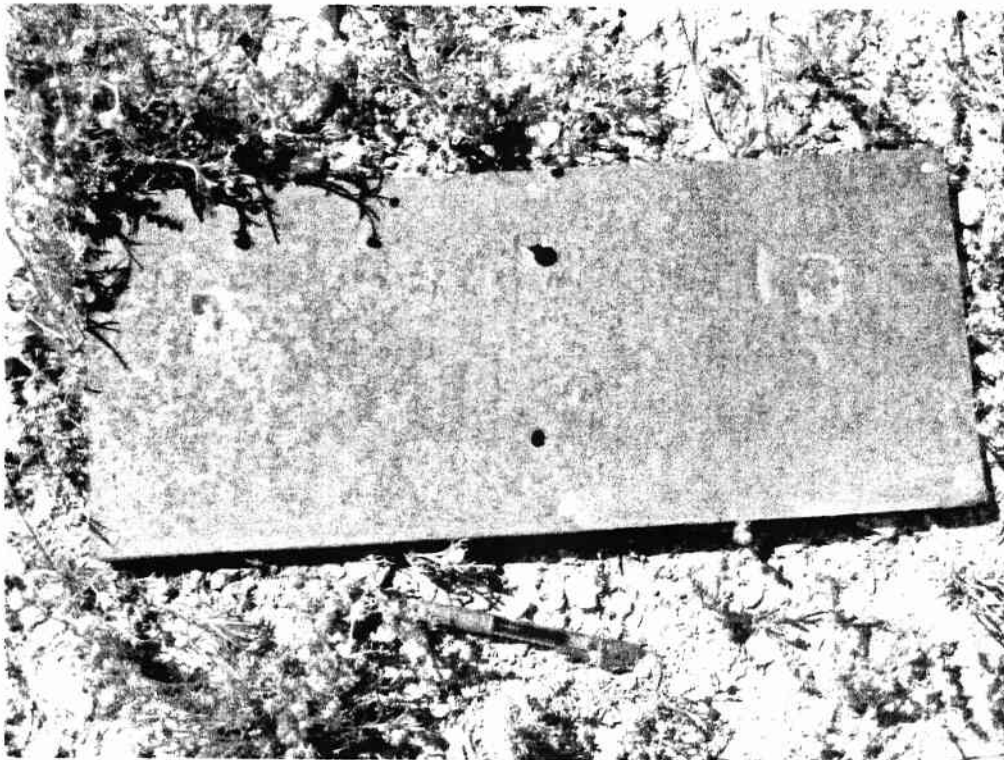


Figure 6.1 Illegible sign at Site 42Un5834



Figure 6.2 Two Intact Jars, one with lid, at Site 42Un5834



Figure 6.3 Intact food jar (probably mustard) at Site 42Un5834

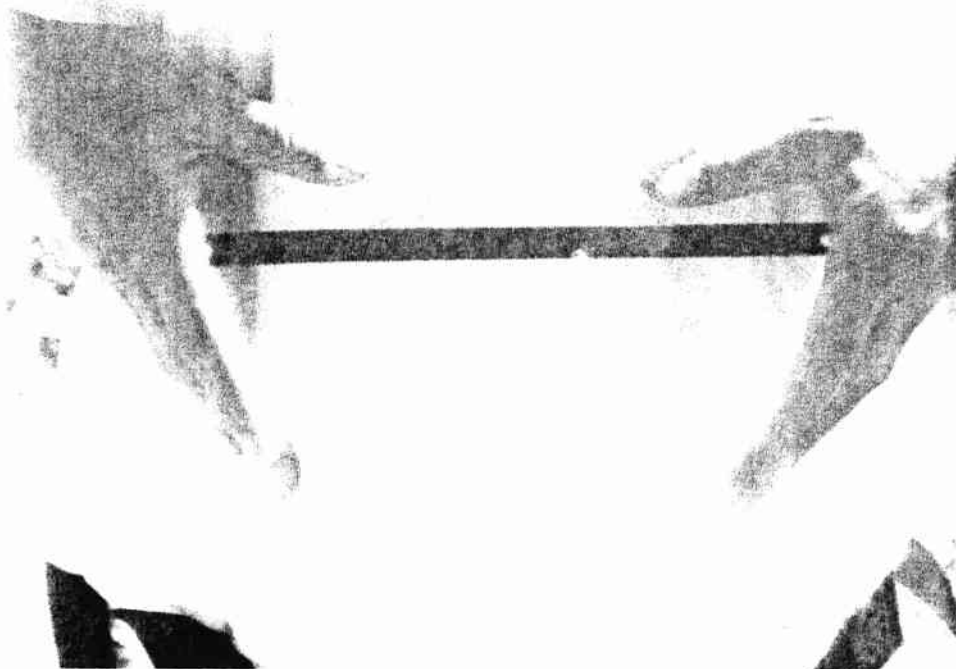


Figure 6.4 Hack Saw Blade at Site 42Un5834



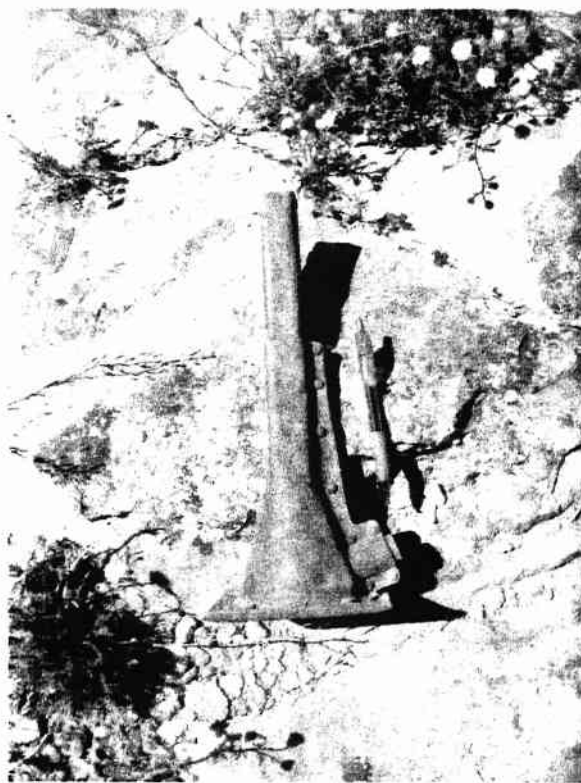


Figure 6.5 Jack at Site 42Un5834



Figure 6.6 Intact Bottle (probably ketchup) at Site 42Un5834



Figure 6.7 Intact Bottle (probably ketchup) at Site 42Un5834



Figure 6.8 Base of Intact Bottle (probably ketchup) showing Owens-Illinois Glass Company Makers Mark at Site 42Un5834



Figure 6.9 Charcoal Chalk Piece at Site 42Un5834



Figure 6.10 Base of broken glass bowl showing Owens-Illinois Glass Company Makers Mark at Site 42Un5834

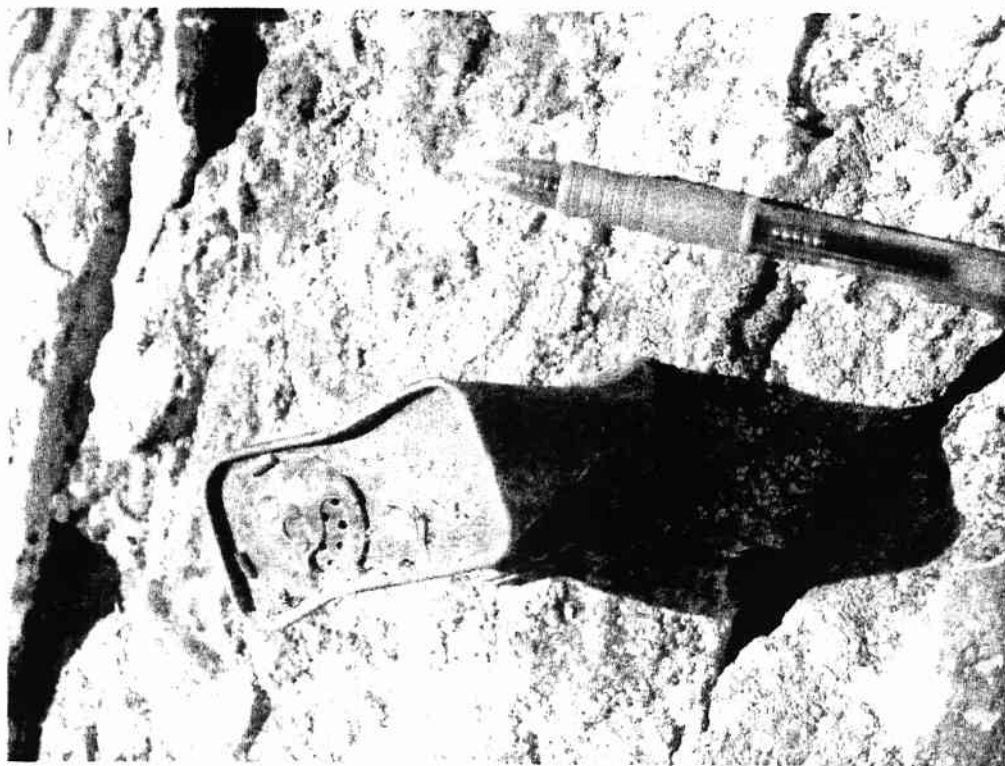


Figure 6.11 Pepper tin at Site 42Un5834



Figure 6.12 Gate latch at Site 42Un5834

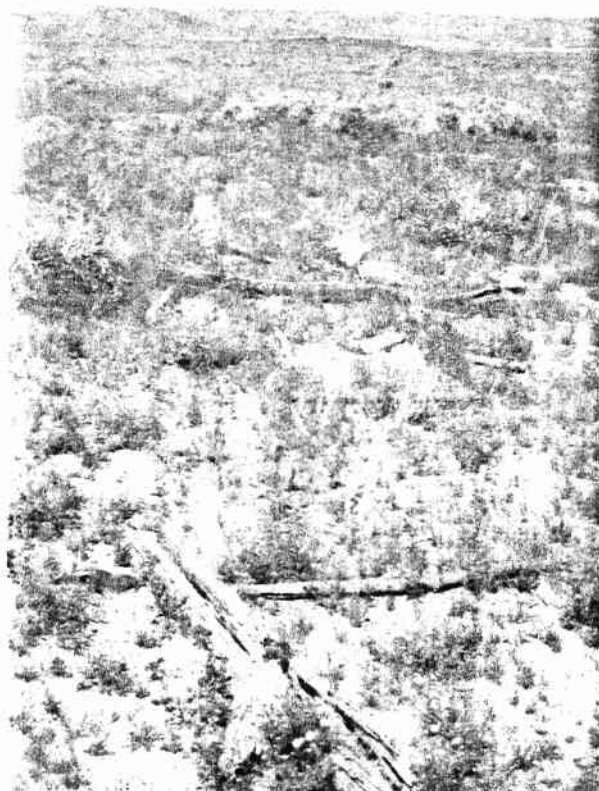


Figure 6.13 Wood Debris and Rock Alignment at Site 42Un5834

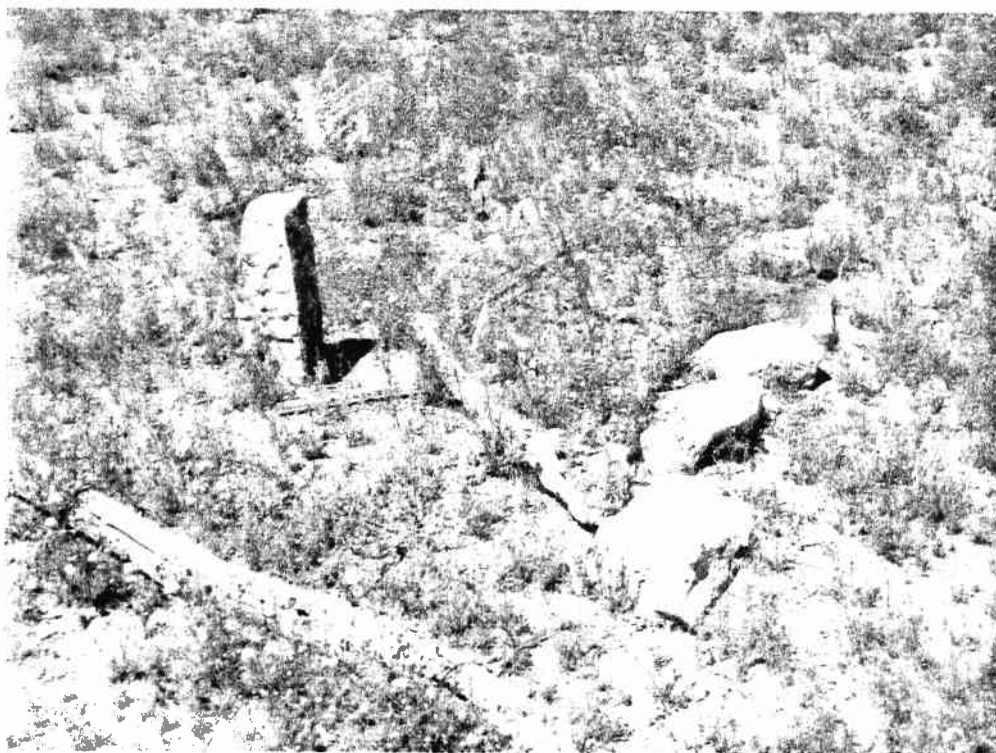


Figure 6.14 Wood Debris and Rock Alignment at Site 42Un5834





Figure 6.15 Wood Debris and Rock Alignment at Site 42Un5834

## 7. EVALUATION AND RECOMMENDATIONS

It is recommended that Site **42Un5834** identified during this inventory be avoided by the proposed undertaking. If the recommended avoidance measures are implemented, as shown in **Figure 1.1**, there will be no effects to any historic properties as a result of the undertaking. Therefore, a determination of "*no historic properties affected*" is proposed for the project pursuant to Section 106 of the NHPA (36 CFR 800).

To minimize any potential damage to or destruction of cultural resources and to maintain compliance with Federal and State cultural resource legislation, the following stipulations should be adhered to by all project personnel:

- The operator and its contractors would inform their employees about Federal regulations intended to protect cultural resources. All personnel would be informed that collecting artifacts, including arrowheads, is a violation of Federal law.
- If cultural resources are uncovered during surface-disturbing activities, the operator and its contractors would suspend all operations at the site and the discovery would be immediately reported to the authorized officer, who would arrange for a determination of significance in consultation with the SHPO, and if necessary, recommend a recovery or avoidance plan.
- All vehicular traffic, personnel and equipment movement, and construction activities should be confined to the locations surveyed for cultural resources as

referenced in this report, and to the existing roadways and/or inventoried access routes.

## 8. REFERENCES

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# BOP Equipment

3000psi WP

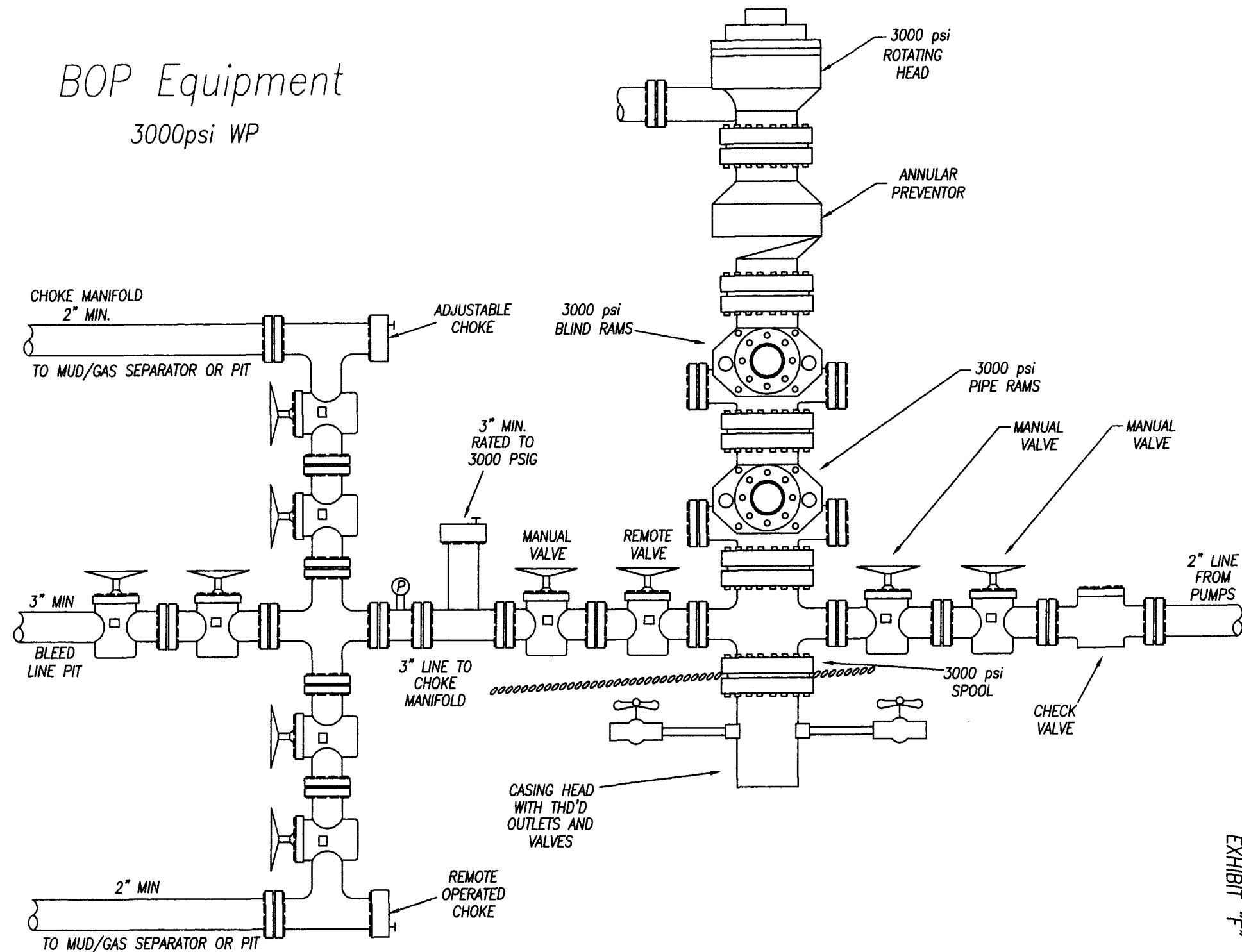


EXHIBIT "F"

DOMINION EXPLR. & PROD., INC.  
WHB #4-5H & #5-5H  
SECTION 5, T11S, R20E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 9.1 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 2.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE WEST; TURN RIGHT AND PROCEED IN A WESTERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN RIGHT AND PROCEED IN A NORTHERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 2.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN LEFT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 3.7 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE EAST; FOLLOW ROAD FLAGS IN AN EASTERLY, THEN NORTHEASTERLY, THEN EASTERLY DIRECTION APPROXIMATELY 1.3 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 51.2 MILES.

# DOMINION EXPLR. & PROD., INC.

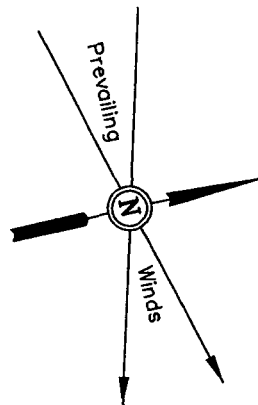
## LOCATION LAYOUT FOR

WHB #4-5H & #5-5H  
SECTION 5, T11S, R20E, S.L.B.&M.

LOT 4

Proposed Access Road

F-14.5'  
El. 400.7'



SCALE: 1" = 50'  
DATE: 04-10-07

Drawn By: S.L.

7 F-9.0'  
El. 406.2'

8 C-0.3'  
El. 415.5'

9

65'

Sta. 3+75

Round Corners  
as Needed

Pit Topsoil

166'

DATA

EXISTING 2-TRACK

175'

CATWALK

PIPE RACKS

FLARE PIT

6 El. 419.1'  
C-3.9'

7 El. 421.2'  
C-6.0'

4-5H C-6.0'  
El. 421.2'

Total Pit Capacity  
W/2' of Freeboard  
= 11,060 Bbls. ±  
Total Pit Volume  
= 3,470 Cu. Yds.

El. 415.6'  
C-10.4'  
(btm. pit)

S05°26'03"W - 1046.51'  
TO BOTTOM HOLE

Reserve Pit Backfill  
& Spoils Stockpile

Approx.  
Top of  
Cut Slope

10' WIDE BENCH

209'

RESERVE PITS  
(10' Deep)

5 El. 421.7'  
C-6.5'

Slope = 1-1/2:1

RIG

DOG HOUSE

5-5H C-6.3'  
El. 421.5'

Sta. 2+00

1 F-18.3'  
El. 396.9'

TRAILER

TOILET

FUEL

Approx.  
Toe of  
Fill Slope

PUMP

MUD SHED

HOPPER

POWER

TOOLS

FUEL

Sta. 0+50

TRASH

3 C-5.6'  
El. 420.8'

STORAGE TANK

Sta. 0+00

El. 420.1'  
C-14.9'  
(btm. pit)

10' WIDE BENCH

4 C-5.9'  
El. 421.1'

2 F-1.2'  
El. 414.0'

Topsoil Stockpile

Elev. Ungraded Ground at #4-5H Location Stake = 5421.2'  
Elev. Graded Ground at # 4-5H Location Stake = 5415.2'

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017

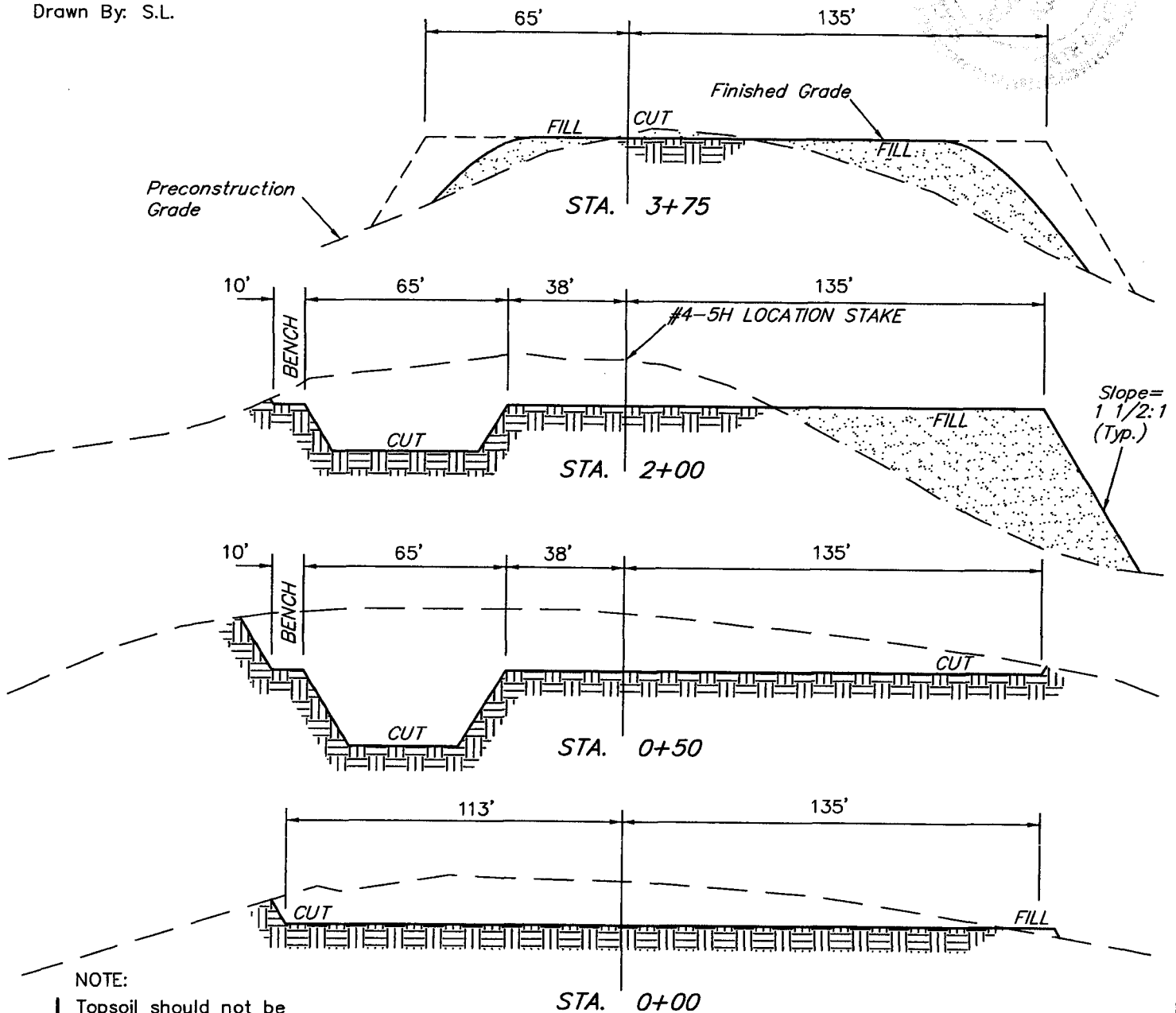
# DOMINION EXPLR. & PROD., INC.

## TYPICAL CROSS SECTIONS FOR

WHB #4-5H & #5-5H  
SECTION 5, T11S, R20E, S.L.B.&M.  
LOT 4

1" = 20'  
X-Section  
Scale  
1" = 50'

DATE: 04-10-07  
Drawn By: S.L.



### NOTE:

Topsoil should not be  
Stripped Below Finished  
Grade on Substructure Area.

### \* NOTE:

FILL QUANTITY INCLUDES  
5% FOR COMPACTION

### APPROXIMATE YARDAGES

#### CUT

(12") Topsoil Stripping = 3,900 Cu. Yds.

Remaining Location = 12,980 Cu. Yds.

**TOTAL CUT = 16,880 CU.YDS.**

**FILL = 11,240 CU.YDS.**

EXCESS MATERIAL = 5,640 Cu. Yds.

Topsoil & Pit Backfill = 5,640 Cu. Yds.  
(1/2 Pit Vol.)

EXCESS UNBALANCE = 0 Cu. Yds.  
(After Interim Rehabilitation)

**UINTAH ENGINEERING & LAND SURVEYING**

85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017

# DOMINION EXPLR. & PROD., INC.

WHB #4-5H & #5-5H  
LOCATED IN UTAH COUNTY, UTAH  
SECTION 5, T11S, R19E, S.L.B.&M.

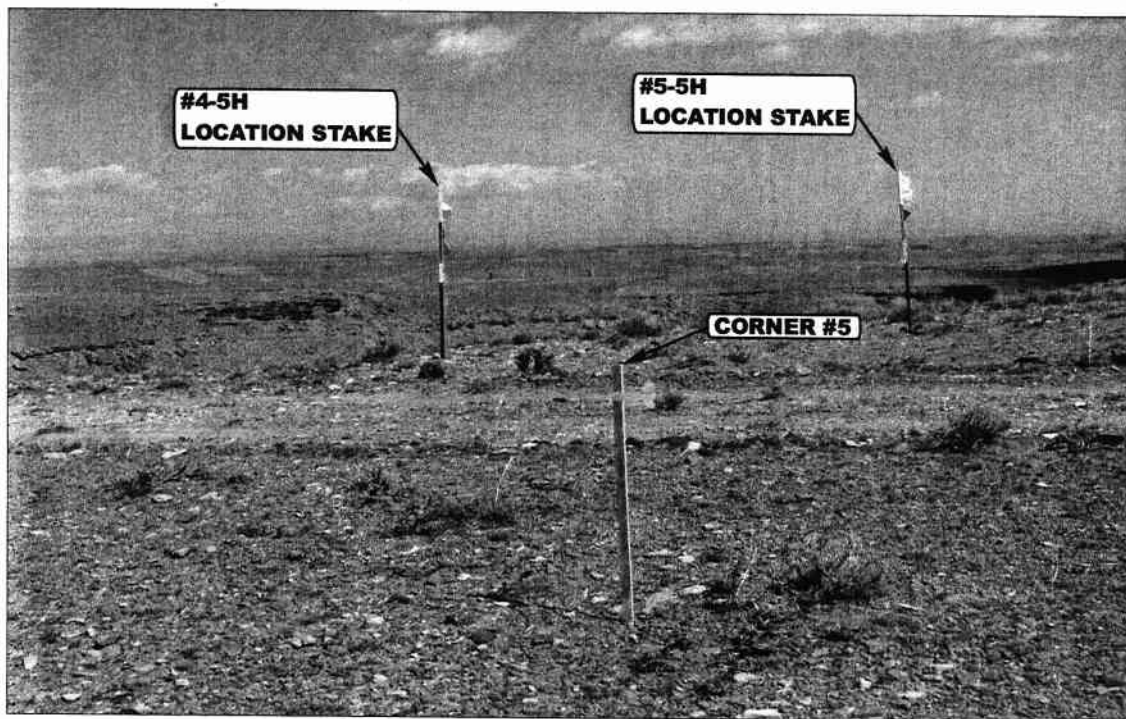


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHEASTERLY

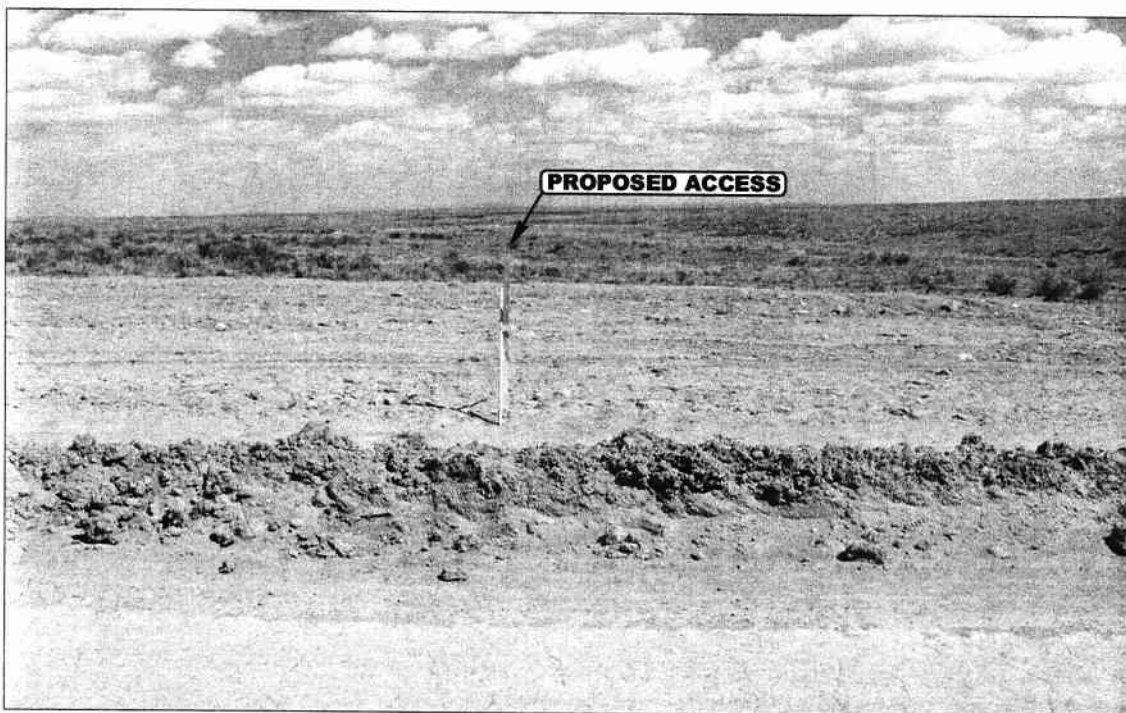


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: EASTERLY



- Since 1964 -

**E&LS** Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS

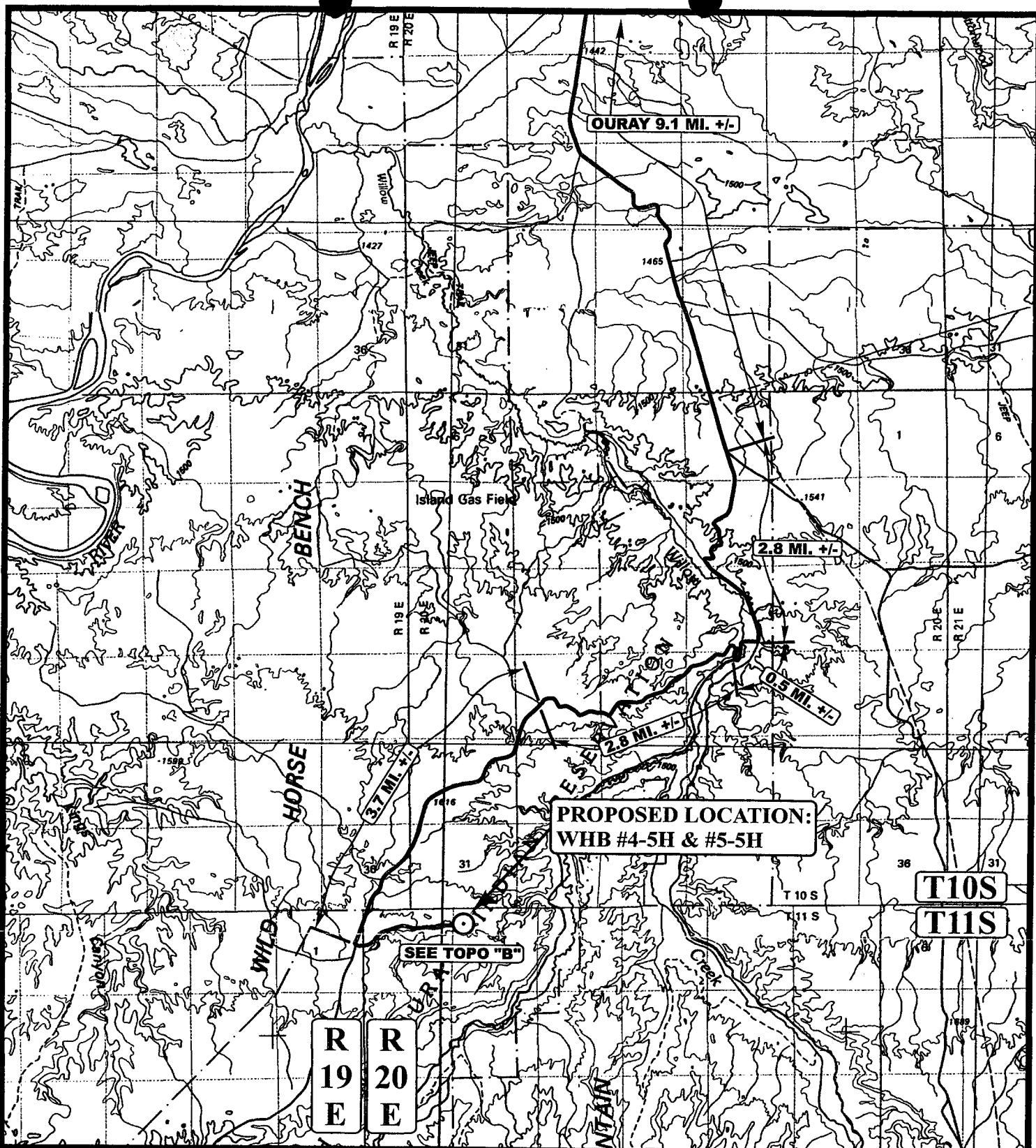
04 04 07  
MONTH DAY YEAR

PHOTO

TAKEN BY: D.R.

DRAWN BY: L.K.

REVISED: 00-00-00



# **LEGEND:**

⊙ PROPOSED LOCATION



**DOMINION EXPLR. & PROD., INC.**

WHB #4-5H & #5-5H  
SECTION 5, T11S, R20E, S.L.B.&M.  
LOT 4



Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

TOPOGRAPHIC  
MAP

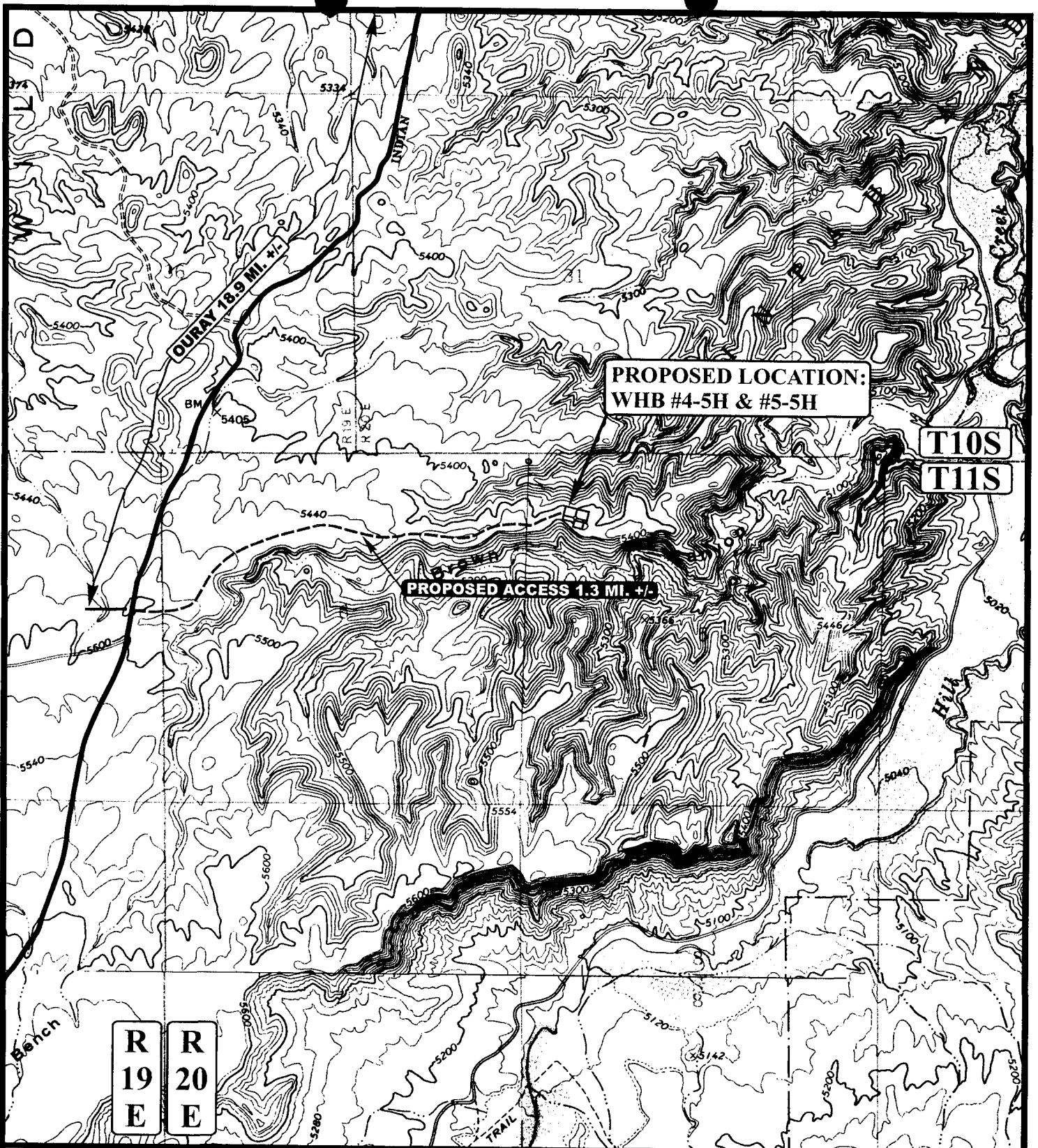
04 04 07  
MONTH DAY YEAR

SCALE: 1:100,000

DRAWN BY: L.K.

REVISED: 00-00-00

**A**  
TOPO



**LEGEND:**

————— EXISTING ROAD  
- - - - - PROPOSED ACCESS ROAD

**DOMINION EXPLR. & PROD., INC.**

WHB #4-5H & #5-5H  
SECTION 5, T11S, R20E, S.L.B.&M.  
LOT 4



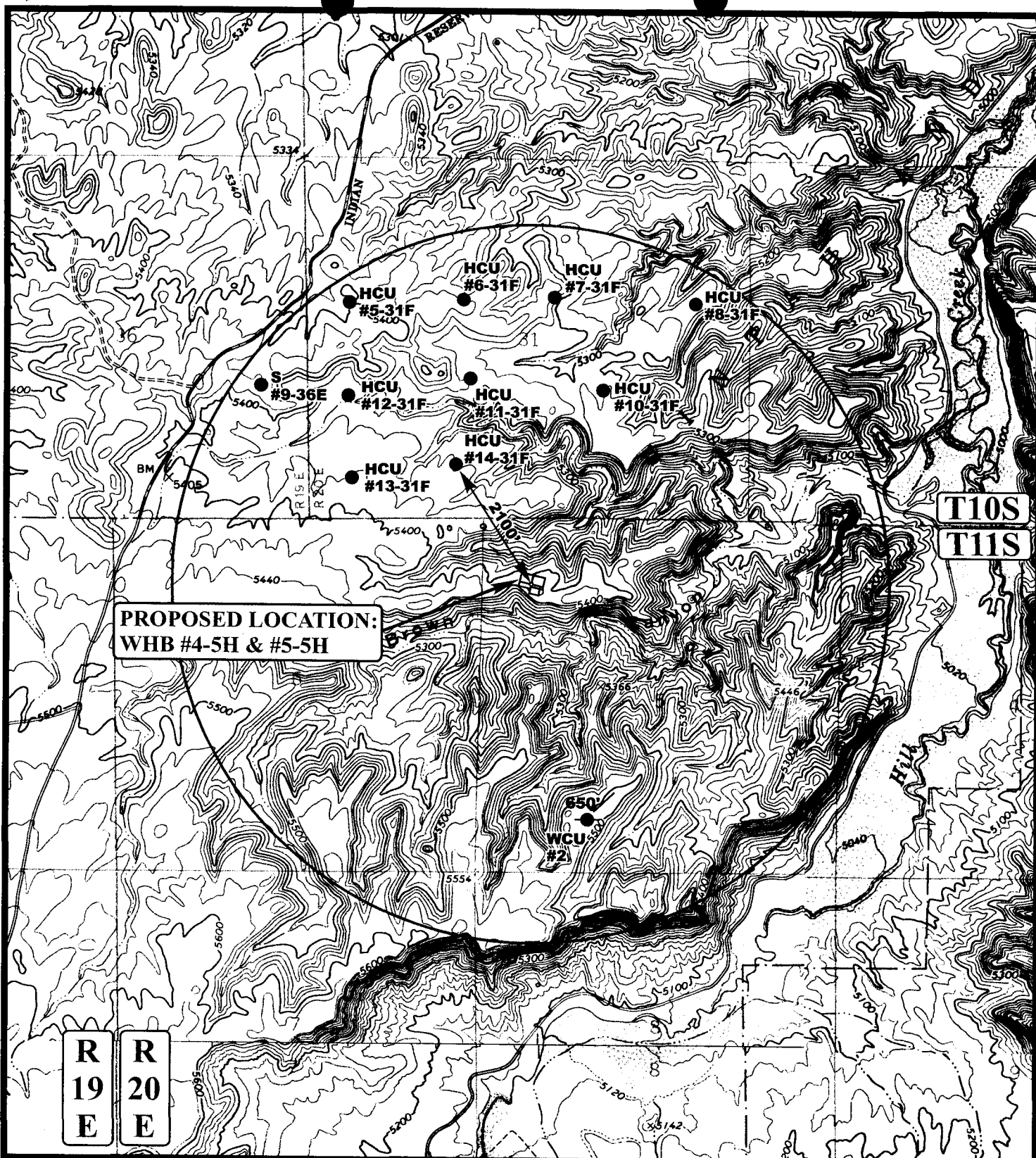
Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813



TOPOGRAPHIC MAP  
04/04/07  
MONTH DAY YEAR  
SCALE: 1" = 2000' DRAWN BY: L.K. REVISED: 00-00-00

**B**  
TOPO





# **LEGEND:**

- DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

## **DOMINION EXPLR. & PROD., INC.**

WHB #4-5H & #5-5H  
SECTION 5, T11S, R20E, S.L.B.&M.  
LOT 4

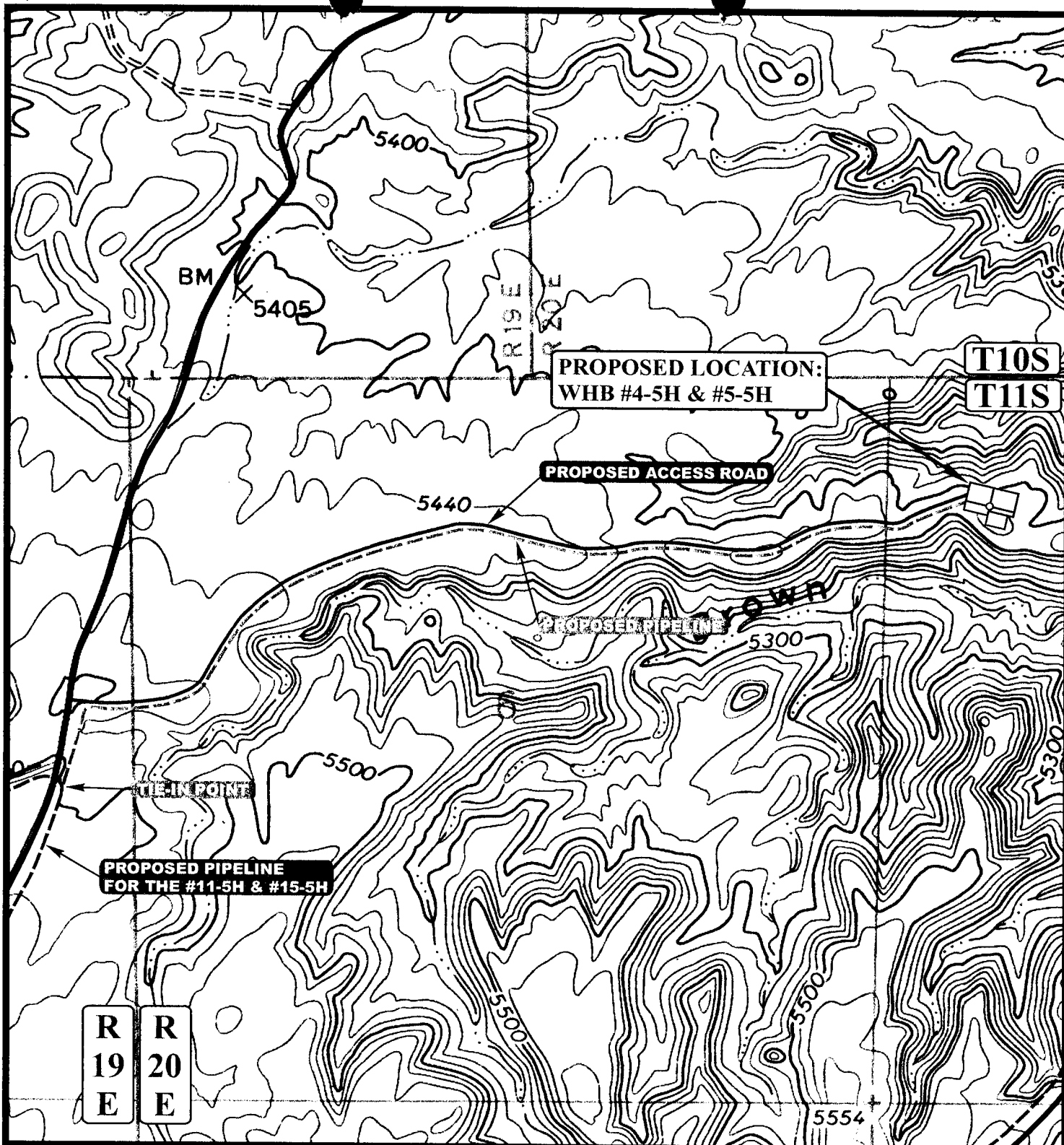


Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813



TOPOGRAPHIC MAP  
SCALE: 1" = 2000' DRAWN BY: L.K. REVISED: 00-00-00





APPROXIMATE TOTAL PIPELINE DISTANCE = 7,481' +/-

# LEGEND:

- PROPOSED ACCESS ROAD
- EXISTING PIPELINE
- PROPOSED PIPELINE
- PROPOSED PIPELINE (SERVICING OTHER WELLS)



## DOMINION EXPLR. & PROD., INC.

WHB #4-5H & #5-5H  
SECTION 5, T11S, R20E, S.L.B.&M.  
LOT 4



Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

TOPOGRAPHIC MAP 040407  
MONTH DAY YEAR  
SCALE: 1" = 1000' DRAWN BY: L.K. REVISED: 00-00-00

**D**  
TOPO

**WORKSHEET**  
**APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 07/16/2007

API NO. ASSIGNED: 43-047-39441

WELL NAME: WHB 5-5H

OPERATOR: DOMINION EXPL & PROD ( N1095 )

PHONE NUMBER: 405-749-5237

CONTACT: DON HAMILTON

PROPOSED LOCATION:

NWNW 05 110S 200E

SURFACE: 0959 FNL 0734 FWL

*Sum* BOTTOM: 2000 FNL 0650 FWL

COUNTY: UINTAH

LATITUDE: 39.89381 LONGITUDE: -109.7086

UTM SURF EASTINGS: 610411 NORTHINGS: 4416559

FIELD NAME: UNDESIGNATED ( 2 )

INSPECT LOCATN BY: / /

**Tech Review**

**Initials**

**Date**

Engineering

Geology

Surface

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-39223

SURFACE OWNER: 2 - Indian

PROPOSED FORMATION: MVRD

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

☒ Plat  
☒ Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. WY 3322 )  
☒ Potash (Y/N)  
☒ Oil Shale 190-5 (B) or 190-3 or 190-13  
☒ Water Permit  
(No. 43-10447 )  
☒ RDCC Review (Y/N)  
(Date: )  
☒ Fee Surf Agreement (Y/N)  
☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

\_\_\_ R649-2-3.

Unit: \_\_\_\_\_

\_\_\_ R649-3-2. General

Siting: 460 From Qtr/Qtr & 920' Between Wells

\_\_\_ R649-3-3. Exception

\_\_\_ Drilling Unit

Board Cause No: \_\_\_\_\_

Eff Date: \_\_\_\_\_

Siting: \_\_\_\_\_

☒ R649-3-11. Directional Drill

COMMENTS: \_\_\_\_\_

STIPULATIONS: \_\_\_\_\_

*1 Federal Approval*  
*2 Spacing Strip*

# NATURAL BUTTES FIELD

T10S R20E

T11S R20E

WHB 5-5H  
WHB 4-5H

BHL  
5-5H

WHB 12-5H

WHB 13-5H

WHB 4-8H

WILLOW  
CREEK  
UNIT 2

LOVE  
FED 1-4

LCU 8-8H

LCU 5-9H

BHL  
6-9H

LCU 6-9H

LCU 12-9H

LCU 11-9H

LCU 9-8H

LCU 14-9H

LITTLE CANYON UNIT

OPERATOR: DOMINION EXPL & PROD (N1095)

SEC: 5 T.11S R. 20E

FIELD: UNDESIGNATED (002)

COUNTY: UTAH

SPACING: R649-3-11 / DIRECTIONAL DRILLING

## Field Status

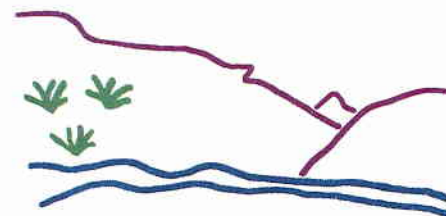
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

## Unit Status

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

## Wells Status

- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- DRILLING



Utah Oil Gas and Mining



PREPARED BY: DIANA MASON  
DATE: 18-JULY-2007



JON M. HUNTSMAN, JR.  
Governor

GARY R. HERBERT  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil Gas and Mining

JOHN R. BAZA  
Division Director

July 18, 2007

Dominion Exploration & Production, Inc.  
14000 Quail Springs Parkway, Suite 600  
Oklahoma City, OK 73134

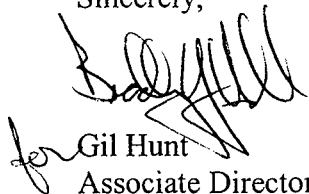
Re: WHB 5-5H Well, Surface Location 959' FNL, 734' FWL, NW NW, Sec. 5, T. 11 South,  
R. 20 East, Bottom Location 2000' FNL, 650' FWL, SW NW, Sec. 5, T. 11 South,  
R. 20 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-39441.

Sincerely,

  
for Gil Hunt  
Associate Director

pab  
Enclosures

cc: Uintah County Assessor  
Bureau of Land Management, Vernal Office

Operator: Dominion Exploration & Production, Inc.  
Well Name & Number WHB 5-5H  
API Number: 43-047-39441  
Lease: UTU-39223

Surface Location: NW NW Sec. 5 T. 11 South R. 20 East  
Bottom Location: SW NW Sec. 5 T. 11 South R. 20 East

### Conditions of Approval

#### 1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

#### 2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dustin Doucet at (801) 538-5281 (801) 733-0983 home

#### 3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
5. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.
6. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. DJJ  
 2. CDW

**X - Change of Operator (Well Sold)**

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

**7/1/2007**

**FROM: (Old Operator):**

N1095-Dominion Exploration & Production, Inc  
 14000 Quail Springs Parkway, Suite 600  
 Oklahoma City, OK 73134

Phone: 1 (405) 749-1300

**TO: ( New Operator):**

N2615-XTO Energy Inc  
 810 Houston St  
 Fort Worth, TX 76102

Phone: 1 (817) 870-2800

**CA No.**

**Unit:**

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED LIST								

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 8/6/2007
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 8/6/2007
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 8/6/2007
- Is the new operator registered in the State of Utah:            Business Number: 5655506-0143
- If **NO**, the operator was contacted on:
- (R649-9-2) Waste Management Plan has been received on: IN PLACE
- Inspections of LA PA state/fee well sites complete on: n/a
- Reports current for Production/Disposition & Sundries on: ok
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on:
- Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on:
- Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on:

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 9/27/2007
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 9/27/2007
- Bond information entered in RBDMS on: 9/27/2007
- Fee/State wells attached to bond in RBDMS on: 9/27/2007
- Injection Projects to new operator in RBDMS on: 9/27/2007
- Receipt of Acceptance of Drilling Procedures for APD/New on: 9/27/2007

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: UTB000138
  - Indian well(s) covered by Bond Number: n/a
  - (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 104312762
  - The **FORMER** operator has requested a release of liability from their bond on: 1/23/2008
- The Division sent response by letter on:

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on:

**COMMENTS:**

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: XTO Energy Inc. <i>N2615</i>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 810 Houston Street CITY Fort Worth STATE TX ZIP 76102		7. UNIT or CA AGREEMENT NAME:
PHONE NUMBER: (817) 870-2800		8. WELL NAME and NUMBER: SEE ATTACHED
4. LOCATION OF WELL FOOTAGES AT SURFACE: SEE ATTACHED		9. API NUMBER: SEE ATTACHED
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		10. FIELD AND POOL, OR WILDCAT: Natural Buttes

COUNTY: Uintah

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective July 1, 2007, XTO Energy Inc. has purchased the wells listed on the attachment from:

Dominion Exploration & Production, Inc.  
14000 Quail Springs Parkway, Suite 600  
Oklahoma City, OK 73134

*N1095*

*James D. Abercrombie*  
James D. Abercrombie  
Sr. Vice President, General Manager - Western Business Unit  
*(405) 749-1300*

Please be advised that XTO Energy Inc. is considered to be the operator on the attached list and is responsible under the terms and conditions of the lease for the operations conducted upon the lease lands. Bond coverage is provided by Nationwide BLM Bond #104312750 and Department of Natural Resources Bond #104312762.

NAME (PLEASE PRINT) Edwin S. Ryan, Jr. TITLE Sr. Vice President - Land Administration  
SIGNATURE *Edwin S. Ryan, Jr.* DATE 7/31/2007

(This space for State use only)

APPROVED *9127107*  
*Earlene Russell*  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

(5/2000)

(See Instructions on Reverse Side)

RECEIVED  
AUG 06 2007  
DIV. OF OIL, GAS & MINING



STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

**Request to Transfer Application or Permit to Drill**

(This form should accompany a Sundry Notice, Form 9, requesting APD transfer)

Well name:	SEE ATTACHED LIST
API number:	
Location:	Qtr-Qtr:      Section:      Township:      Range
Company that filed original application:	DOMINION E&P
Date original permit was issued:	
Company that permit was issued to:	DOMINION E&P

Check one	Desired Action:
<input type="checkbox"/>	Transfer pending (unapproved) Application for Permit to Drill to new operator
<input type="checkbox"/>	The undersigned as owner with legal rights to drill on the property, hereby verifies that the information as submitted in the pending Application for Permit to Drill, remains valid and does not require revision. The new owner of the application accepts and agrees to the information and procedures as stated in the application.
<input checked="" type="checkbox"/>	Transfer approved Application for Permit to Drill to new operator
<input type="checkbox"/>	The undersigned as owner with legal rights to drill on the property as permitted, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.	Yes	No
If located on private land, has the ownership changed?		<input checked="" type="checkbox"/>
If so, has the surface agreement been updated?		
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?		<input checked="" type="checkbox"/>
Have there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?		<input checked="" type="checkbox"/>
Have there been any changes to the access route including ownership or right-of-way, which could affect the proposed location?		<input checked="" type="checkbox"/>
Has the approved source of water for drilling changed?		<input checked="" type="checkbox"/>
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?		<input checked="" type="checkbox"/>
Is bonding still in place, which covers this proposed well? Bond No. <u>104312762</u>	<input checked="" type="checkbox"/>	

Any desired or necessary changes to either a pending or approved Application for Permit to Drill that is being transferred, should be filed on a Sundry Notice, Form 9, or amended Application for Permit to Drill, Form 3, as appropriate, with necessary supporting information as required.

Name (please print) HOLLY C. PERKINS Title REGULATORY COMPLIANCE TECH  
Signature *Holly C. Perkins* Date 08/27/2007  
Representing (company name) XTO ENERGY INC.

The person signing this form must have legal authority to represent the company or individual(s) to be listed as the new operator on the Application for Permit to Drill.

AUG 30 2007

N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

api	well_name	qtr_qtr	sec	tpw	rng	lease_num	entity	Lease	well	stat
4303930028	SKYLINE U 14-28	SESW	28	140S	060E	UTU-77262		Federal	GW	APD
4303930029	SKYLINE U 8-7	SENE	07	150S	060E	UTU-78415		Federal	GW	APD
4304737195	KC 6-33E	SENW	33	100S	190E	UTU-49522		Federal	OW	APD
4304737196	KC 9-33E	NESE	33	100S	190E	UTU-49522		Federal	OW	APD
4304737197	KC 11-33E	NESW	33	100S	190E	UTU-49522		Federal	OW	APD
4304738075	LCU 7-9H	NWSE	09	110S	200E	UTU-76265		Federal	GW	APD
4304738689	RBU 15-8E	NENE	17	100S	190E	U-013766		Federal	GW	APD
4304738783	KC 14-33E	SESW	33	100S	190E	UTU-49522		Federal	GW	APD
4304738868	LOVE 12-20G	NWSW	20	110S	210E	UTU-076040		Federal	GW	APD
4304738889	KC 9-31E	NESE	31	100S	190E	UTU-81719		Federal	GW	APD
4304738890	KC 13-31E	SWSW	31	100S	190E	UTU-81719		Federal	GW	APD
4304738891	KC 12-33E	NWSW	33	100S	190E	UTU-49522		Federal	GW	APD
4304738948	KC 14-31E	SESW	31	100S	190E	UTU-081719		Federal	GW	APD
4304738949	KC 3-33E	NENW	33	100S	190E	UTU-49522		Federal	GW	APD
4304739051	KC 15-31E	SWSE	31	100S	190E	UTU-81719		Federal	GW	APD
4304739068	KC 7-33E	SWNE	33	100S	190E	UTU-49522		Federal	GW	APD
4304739069	KC 13-33E	SWSW	33	100S	190E	UTU-49522		Federal	GW	APD
4304739070	KC 15-33E	SWSE	33	100S	190E	UTU-49522		Federal	GW	APD
4304739415	WHB 4-5H	NWNW	05	110S	200E	UTU-39223		Federal	GW	APD
4304739416	WHB 12-5H	NWSW	05	110S	200E	UTU-39223		Federal	GW	APD
4304739417	WHB 13-5H	SWSW	05	110S	200E	UTU-39223		Federal	GW	APD
4304739440	WHB 4-8H	NWNW	08	110S	200E	UTU-39223		Federal	GW	APD
4304739441	WHB 5-5H	NWNW	05	110S	200E	UTU-39223		Federal	GW	APD
4304738262	KINGS CYN 9-32E	NESE	32	100S	190E	ML-047059		State	GW	APD
4304738342	LCU 12-12H	NWSW	12	110S	200E	FEE		Fee	GW	APD
4304738378	KINGS CYN 11-32E	NESW	32	100S	190E	ML-047059		State	GW	APD
4304738690	KINGS CYN 11-36D	NESW	36	100S	180E	ML-47058		State	GW	NEW
4304738779	KC 5-36D	SWNW	36	100S	180E	ML-47058		State	GW	APD
4304738781	KC 6-32E	SENW	32	100S	190E	ML-47059		State	GW	APD
4304738782	KC 15-32E	NWSE	32	100S	190E	ML-047059		State	GW	APD
4304738786	AP 11-2J	NESW	02	110S	190E	ML-36213		State	GW	APD
4304738787	AP 13-2J	SWSW	02	110S	190E	ML-36213		State	GW	APD
4304738950	KC 13-32E	SESW	32	100S	190E	ML-047059		State	GW	APD
4304739218	KC 14-32E	SESW	32	100S	190E	ML-047059		State	GW	APD
4304739219	KC 16-32E	SESE	32	100S	190E	ML-047059		State	GW	APD
4304739222	LCU 14-12H	SESW	12	110S	200E	FEE		Fee	GW	APD
4304739315	AP 12-2J	NWSW	02	110S	190E	ML-36213		State	GW	NEW

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires March 31, 2007

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-39223
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name Ute Indian Tribe
2. Name of Operator Dominion Exploration & Production, Inc.		7. If Unit or CA Agreement, Name and No. N/A
3a. Address 14000 Quail Springs Parkway, Suite 600 Oklahoma City, OK 73134	3b. Phone No. (include area code) 405-749-5237	8. Lease Name and Well No. WHB 5-5H
4. Location of Well (Report location clearly and in accordance with any State requirements*) At surface 959' FNL & 734' FWL, Lot 4 (NW/4 NW/4), At proposed prod. zone 2,000' FNL & 650' FWL, SW/4 NW/4,		9. API Well No. 43-047-39441
14. Distance in miles and direction from nearest town or post office* 13.54 miles southwest of Ouray, Utah		10. Field and Pool, or Exploratory undesignated
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 959'	16. No. of acres in lease 715.864 acres	11. Sec., T. R. M. or Blk. and Survey or Area Section 5, T11S, R20E, SLB&M
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 20'	19. Proposed Depth 9,600'	12. County or Parish Uintah
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5,422' GR	22. Approximate date work will start* 10/02/2007	13. State UT
17. Spacing Unit dedicated to this well 40 acres		
20. BLM/BIA Bond No. on file WY 3322		
23. Estimated duration 14 days		

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see item 20 above).
5. Operator certification
6. Such other site specific information and/or plans as may be required by the BLM.

25. Signature Don Hamilton	Name (Printed/Typed) Don Hamilton	Date 07/11/2007
Title Agent for Dominion		
Approved by (Signature) [Signature]	Name (Printed/Typed) JERRY KANEKA	Date 10-22-2007
Title Assistant Field Manager Lands & Mineral Resources		Office VERNAL FIELD OFFICE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

**CONDITIONS OF APPROVAL ATTACHED**

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on page 2)

NOTICE OF APPROVAL

RECEIVED

OCT 26 2007

DIV. OF OIL, GAS & MINING

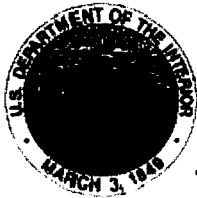
ORIGINAL

CONFIDENTIAL

UDOGM

NDS 5/10/07

07 PP 2031A



UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
VERNAL FIELD OFFICE

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



**CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL**

**Company:** Dominion Exp & Pro, Inc.

**Location:** Lot 4, Sec. 5, T11S, R20E (S)  
SWNW, Sec 5, T11S, R20E (B)

**Well No:** WHB-5-5H

**Lease No:** UTU-39223

**API No:** 43-047-39441

**Agreement:** N/A/

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
NRS/Enviro Scientist:	Paul Buhler	(435) 781-4475	(435) 828-4029
NRS/Enviro Scientist:	Karl Wright	(435) 781-4484	
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	
NRS/Enviro Scientist:	Chuck MacDonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Jannice Cutler	(435) 781-3400	
NRS/Enviro Scientist:	Michael Cutler	(435) 781-3401	
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	
NRS/Enviro Scientist:	Darren Williams	(435) 781-4447	
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	

Fax: (435) 781-4410

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR  
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

**NOTIFICATION REQUIREMENTS**

Location Construction (Notify Environmental Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

***SURFACE USE PROGRAM  
CONDITIONS OF APPROVAL (COAs)***

***Surface COAs:***

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

**Well Site Specific Stipulations:**

- Paint the facilities Carlsbad.

***Mitigation Stipulations:***

**Vegetation/Landscape**

- Before the site is abandoned the company will be required to restore the right-of-way to near its original state. The disturbed area will be reseeded with desirable perennial vegetation.
- Noxious weeds will be controlled on all rights-of-way. If noxious weeds spread from the rights-of-way onto adjoining land, the company will also be responsible for their control.

**Soils/Range/Watershed**

- Soil erosion will be mitigated by reseeding all disturbed areas.
- The pipelines are constructed to lie on the soil surface, and the right-of-way will not be bladed or cleared of vegetation.
- Pipelines running parallel to roads, may be welded on the road and then lifted from the road onto the right-of-way.
- Where pipelines do not run parallel to roads, but cross country between stations, welding must be at well sites or access roads and pulled between stations with a suitable piece of equipment. Traffic will be restricted along these areas so that the pipeline right-of-way will not be used as an access road.

**Wildlife/Vegetation/Threatened & Endangered Species**

- No threatened & Endangered species have been identified associated with this project. Therefore, no stipulations have been developed for their protection.

**Ute Tribal Regulations**

- Prior to commencing surveys or construction on the U&O Indian Reservation, the operator and any of its subcontractors, shall acquire access permits and business permits from the Ute Indian Tribe Department of Energy and Minerals.

- Prior to the commencement of construction, the operator shall notify the Ute Tribal Department of Energy and Minerals the date construction shall begin.

#### **General Conditions of Approval**

- A 30 foot corridor right-of-way shall be approved. Upon completion of each pipeline in corridor, they shall be identified and filed with the Ute Tribe.
- A qualified Archaeologist accompanied by a Tribal Technician will monitor trenching construction of pipeline.
- The Ute Tribe Energy & Minerals Department is to be notified, in writing 48 hours prior to construction of pipeline.
- Construction Notice shall be given to the department on the Ute Tribe workdays, which are Monday through Thursday. The Company understands that they may be responsible for costs incurred by the Ute Tribe after hours.
- The Company shall inform contractors to maintain construction of pipelines within the approved ROW's.
- The Company shall assure the Ute Tribe that "ALL CONTRACTORS, INCLUDING SUB-CONTRACTORS, LEASING CONTRACTORS, AND ETC." have acquired a current and valid Ute Tribal Business License and have "Access Permits" prior to construction, and will have these permits in all vehicles at all times.
- You are hereby notified that working under the "umbrella" of a company does not allow you to be in the field, and can be subject to those fines of the Ute Tribe Severance Tax Ordinance.
- Any deviation of submitted APD's and ROW applications the Companies will notify the Ute Tribe and BIA in writing and will receive written authorization of any such change with appropriate authorization.
- The Company will implement "Safety and Emergency Plan." The Company's safety director will ensure its compliance.
- All Company employees and/or authorized personnel (sub-contractors) in the field will have approved applicable APD's and/or ROW permits/authorizations on their person(s) during all phases of construction.
- All vehicular traffic, personnel movement, construction/restoration operations shall be confined to the area examined and approved, and to the existing roadways and/or evaluated access routes.
- All personnel shall refrain from collecting artifacts, any paleontological fossils, and from disturbing any significant cultural resources in the area.
- The personnel from the Ute Tribe Energy & Minerals Department shall be notified should cultural remains from subsurface deposits be exposed or identified during construction. All construction will cease.
- All mitigative stipulations contained in the Bureau of Indian Affairs Site Specific Environmental Assessment (EA) will be strictly adhered.
- Upon completion of Application for Corridor Right-Way, the company will notify the Ute Tribe Energy & Minerals Department, so that a Tribal Technician can verify Affidavit of Completion.

**SITE SPECIFIC DOWNHOLE COAs:**

- The 3M BOPE shall be installed and tested prior to drilling out the surface shoe.
- Intermediate casing cement top shall be at surface.
- Production casing cement top shall be a minimum 200 ft above the intermediate casing shoe.

**All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to.** The following items are emphasized:

**DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS**

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from

KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.



## **OPERATING REQUIREMENT REMINDERS:**

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - Operator name, address, and telephone number.
  - Well name and number.
  - Well location (¼¼, Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - Unit agreement and/or participating area name and number, if applicable.
  - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.

- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.
- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

## DIVISION OF OIL, GAS AND MINING

### **SPUDDING INFORMATION**

Name of Company: XTO ENERGY INC

Well Name: WHB 5-5H

Api No: 43-047-39441 Lease Type: FEDERAL

Section 05 Township 11S Range 20E County UINTAH

Drilling Contractor PETE MARTIN DRLG RIG # RATHOLE

### **SPUDDED:**

Date 02/29/ 08

Time

How DRY

**Drilling will Commence:**

Reported by RICK OMAN

Telephone # (435) 828-1456

Date 03/03/08 Signed CHD

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER \_\_\_\_\_

2. NAME OF OPERATOR:  
XTO ENERGY INC.

3. ADDRESS OF OPERATOR:  
382 CR 3100 CITY AZTEC STATE NM ZIP 87410

PHONE NUMBER:  
(505) 333-3100

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 959' FNL & 734' FWL

COUNTY: UINTAH

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 5 11S 20E

STATE: UTAH

5. LEASE DESIGNATION AND SERIAL NUMBER:  
UTU-39223

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:  
UTE INDIAN TRIBE

7. UNIT or CA AGREEMENT NAME:  
N/A

8. WELL NAME and NUMBER:  
WHB 5-5H

9. API NUMBER:  
4304739441

10. FIELD AND POOL, OR WLD CAT:  
UNDESIGNATED

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: SPUD & SET
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	CONDUCTOR CSG

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

XTO Energy Inc. spudded 26" conductor hole on 2/29/08 & drilled to 60' (cond TD). Set 20", 52.78#, A-53B conductor casing @ 60' & cemented w/5 yds Redimix cement. Called Michael Lee w/BLM & Carol Daniels w/State of Utah for 6:00 A.M. spud/conductor.

NAME (PLEASE PRINT) LORRI D. BINGHAM

TITLE REGULATORY COMPLIANCE TECH

SIGNATURE

DATE 3/3/2008

(This space for State use only)

RECEIVED

MAR 10 2008

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY ACTION FORM

Operator: XTO ENERGY INC. Operator Account Number: N 2615  
Address: 382 CR 3100  
city AZTEC  
state NM zip 87410 Phone Number: (505) 333-3100

Well 1

API Number	Well Name	QQ	Sec	Twp	Rng	County
4304739441	WHB 5-5H	NWNW	5	11S	20E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date		
A	99999	16744	2/29/2008	3/17/08		
Comments: <u>MVRD</u> <u>BHL SWNW</u>						

Well 2

API Number	Well Name	QQ	Sec	Twp	Rng	County
4304739415	WHB 4-5H	NWNW	5	11S	20E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date		
A	99999	16745	3/1/2008	3/17/08		
Comments: <u>MVRD</u>						

Well 3

API Number	Well Name	QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date		
Comments:						

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

LORRI D. BINGHAM

Name (Please Print)

Signature

Regulatory Compliance Tech

Title

3/3/2008

Date

RECEIVED

MAR 10 2008

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-39223
2. NAME OF OPERATOR: XTO ENERGY INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE INDIAN TRIBE
3. ADDRESS OF OPERATOR: 382 CR 3100 CITY AZTEC STATE NM ZIP 87410		7. UNIT or CA AGREEMENT NAME: NA
4. LOCATION OF WELL FOOTAGES AT SURFACE: 959' FNL & 734' FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 5 11S 20E S		8. WELL NAME and NUMBER: WHB 5-5H
PHONE NUMBER: (505) 333-3100		9. API NUMBER: 4304739441
		10. FIELD AND POOL, OR WILDCAT: NAT BUTTES; WSTCH/MVRD
		COUNTY: UINTAH
		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 3/5/2008	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

XTO Energy Inc. proposes to change the drilling procedure per attached. John Egelston, Engr. @ XTO Energy Inc., received verbal approval from Jim Ashley, Vernal, Utah BLM.

XTO proposes setting 20" conductor to at least 40'.

COPY SENT TO OPERATOR

Date: 4-3-2008

Initials: KS

NAME (PLEASE PRINT) HOULY C. PERKINS	TITLE REGULATORY COMPLIANCE TECH
SIGNATURE <i>Houly C. Perkins</i>	DATE 3/24/2008

(This space for State use only)

Accepted by the  
Utah Division of  
Oil, Gas and Mining

Federal Approval Of This  
Action Is Necessary

RECEIVED  
MAR 26 2008

(5/2000)

Date: 4/1/08  
By: *[Signature]* (See Instructions on Reverse Side)

DIV. OF OIL, GAS & MINING

# XTO ENERGY INC.

WHB 5-5H

APD Data

February 29, 2008

Location: 959' FNL & 734' FWL, Sec. 5, T11S, R20E County: Uintah

State: Utah

Bottomhole Location: 2000' FNL & 650' FWL, Sec. 5, T11S, R20E

GREATEST PROJECTED TD: 9300' MD/9150' TVD

OBJECTIVE: Wasatch/Mesaverde

APPROX GR ELEV: 5422'

Est KB ELEV: 5436' (14' AGL)

## 1. MUD PROGRAM:

INTERVAL	0' to 2270'	2270' to 9300'
HOLE SIZE	12.25"	7.875"
MUD TYPE	FW/Spud Mud	KCl Based LSND / Gel Chemical
WEIGHT	8.4	8.6-9.20
VISCOSITY	NC	30-60
WATER LOSS	NC	8-15

Remarks: Use fibrous materials as needed to control seepage and lost circulation. Pump high viscosity sweeps as needed for hole cleaning. Raise viscosity at TD for logging. Reduce viscosity after logging for cementing purposes. The mud system will be monitored visually/manually.

## 2. CASING PROGRAM:

Surface Casing: 9.625" casing set at  $\pm$ 2270' MD/2200' TVD in a 12.25" hole filled with 8.8 ppg mud

Interval	Length	Wt	Gr	Cplg	Coll Rating (psi)	Burst Rating (psi)	Jt Str (M-lbs)	ID (in)	Drift (in)	SF Coll	SF Burst	SF Ten
0'-2270'	2270'	36#	J-55	ST&C	2020	3520	394	8.921	8.765	2.56	4.47	4.8

Collapse and burst loads calculated at TVD with 0.1 psi/ft gas gradient back up.

Production Casing: 5.5" casing set at  $\pm$ 9300' MD/9150' TVD in a 7.875" hole filled with 9.2 ppg mud.

Interval	Length	Wt	Gr	Cplg	Coll Rating (psi)	Burst Rating (psi)	Jt Str (M-lbs)	ID (in)	Drift (in)	SF Coll	SF Burst	SF Ten
0'-9300'	930'	17#	N-80	LT&C	6280	7740	348	4.892	4.767	1.81	2.24	2.20

Collapse and burst loads calculated at TVD with 0.1 psi/ft gas gradient back up.

## 3. WELLHEAD:

- Casing Head: Larkin Fig 92 (or equivalent), 9" nominal, 2,000 psig WP (4,000 psig test) with 9-5/8" 8rnd thread on bottom (or slip-on, weld-on) and 11-3/4" 8rnd thread on top.
- Tubing Head: Larkin Fig 612 (or equivalent), 6.456" nominal, 5,000 psig WP, 5-1/2" 8rnd female thread on bottom (or slip-on, weld-on), 8-5/8" 8rnd thread on top.



#### 4. CEMENT PROGRAM:

A. Surface: 9.625", 36#, J-55 (or equiv.), ST&C casing to be set at  $\pm 2270'$  in 12.25" hole.

LEAD:

$\pm 221$  sx of Premium Plus V Blend. (Type V/Poz/Gel) or equivalent, with dispersant, fluid loss, accelerator, & LCM mixed at 11.0 ppg, 3.82 ft<sup>3</sup>/sk, 22.95 gal wtr/sx.

TAIL:

**350** sx Class G or equivalent cement with bonding additive, LCM, dispersant, & fluid loss mixed at 15.6 ppg, 1.2 cuft/sx

*Total estimated slurry volume for the 9.625" intermediate casing is 1263.5 ft<sup>3</sup>. Slurry includes 75% excess of calculated open hole annular volume to 2270'.*

B. Production: 5.5", 17#, N-80 (or equiv.), LT&C casing to be set at  $\pm 9300'$  in 7.875" hole.

LEAD:

$\pm 270$  sx of Premium Plus V Blend. (Type V/Poz/Gel) or equivalent, with dispersant, fluid loss, accelerator, & LCM mixed at 11.6 ppg, 3.12 ft<sup>3</sup>/sk, 17.71 gal wtr/sx.

TAIL:

**400** sx Class G or equivalent cement with poz, bonding additive, LCM, dispersant, & fluid loss mixed at 13.0 ppg, 1.75 cuft/sx, 9.09 gal/sx.

*Total estimated slurry volume for the 5.5" production casing is 1541 ft<sup>3</sup>. Slurry includes 15% excess of calculated open hole annular volume.*

*Note: The slurry design may change slightly based upon actual conditions. Final cement volumes will be determined from the caliper logs plus 15% or greater excess. The cement is designed to circulate on surface casing string. The production casing is designed for 1700' top of cement..*

#### 5. LOGGING PROGRAM:

- A. Mud Logger: The mud logger will come on at intermediate casing point and will remain on the hole until TD. The mud will be logged in 10' intervals.
- B. Open Hole Logs as follows: Run Array Induction/SFL/GR/SP fr/TD (9315') to the bottom of the surface csg. Run Neutron/Lithodensity/Pe/GR/Cal from TD (9315') to 2270'.

#### 6. FORMATION TOPS:

Please see attached directional plan.

7. **ANTICIPATED OIL, GAS, & WATER ZONES:**

A.

Formation	Expected Fluids	TV Depth Top
Wasatch Tongue	Oil/Gas/Water	3756
Green River Tongue	Oil/Gas/Water	4101
Wasatch	Gas/Water	4246
Chapita Wells	Gas/Water	5061
Uteland Buttes	Gas/Water	6321
Mesaverde	Gas/Water	7136

B. Appropriately weighted mud will be used to isolate potential gas, oil, and water zones until such time as casing can be cemented into place for zonal isolation.

C. There are no known potential sources of H<sub>2</sub>S.

D. The bottomhole pressure is anticipated to be between 4200 psi and 4600 psi.

8. **BOP EQUIPMENT:**

Surface will not utilize a bop stack.

Production hole will be drilled with a 3000 psi BOP stack.

Minimum specifications for pressure control equipment are as follows:

Ram Type: 11" Hydraulic double ram with annular, 3000 psi w.p.

Ram type preventers and associated equipment shall be tested to stack working pressure if isolated by test plug or to 70% of internal yield pressure of casing. Pressure shall be maintained for at least 10 minutes or until requirements of test are met, whichever is longer. If a test plug is utilized, no bleed-off pressure is acceptable. For a test not utilizing a test plug, if a decline in pressure of more than 10% in 30 minutes occurs, the test shall be considered to have failed. Valve on casing head below test plug shall be open during test of BOP stack.

Annular type preventers (if used) shall be tested to 50% of rated working pressure. Pressure shall be maintained at least 10 minutes or until provisions of test are met, whichever is longer.

As a minimum, the above test shall be performed:

- when initially installed:
- whenever any seal subject to test pressure is broken
- following related repairs: and
- at 30 day intervals

Valves shall be tested from working pressure side during BOPE tests with all down stream valves open.

When testing the kill line valve(s) shall be held open or the ball removed.

Annular preventers (if used) shall be functionally operated at least weekly.

Pipe and blind rams shall be activated each trip, however, this function need not be performed more than once a day.

A BOPE pit level drill shall be conducted weekly for each drilling crew.

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No.2 for equipment and testing requirements, procedures, etc., and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests. Pressure tests shall apply to all related well control equipment.

BOP systems shall be consistent with API RP53. Pressure tests will be conducted before drilling out from under casing strings which have been set and cemented in place. Test pressures for BOP equipment are as follows:

- Annular BOP -- 1500 psi
- Ram type BOP -- 3000 psi
- Kill line valves -- 3000 psi
- Choke line valves and choke manifold valves -- 3000 psi
- Chokes -- 3000 psi
- Casing, casinghead & weld -- 1500 psi
- Upper kelly cock and safety valve -- 3000 psi
- Dart valve -- 3000 psi

Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection will be recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.

The BLM in Vernal, UT shall be notified, at least 24 hours prior to initiating the pressure test, in order to have a BLM representative on location during pressure testing.

- a. The size and rating of the BOP stack is shown on the attached diagram.
- b. A choke line and a kill line are to be properly installed.
- c. The accumulator system shall have a pressure capacity to provide for repeated operation of hydraulic preventers.
- d. Drill string safety valve(s), to fit all tools in the drill string, are to be maintained on the rig floor while drilling operations are in progress.
- e. See attached BOP & Choke manifold diagrams.

**9. COMPANY PERSONNEL:**

<u>Name</u>	<u>Title</u>	<u>Office Phone</u>	<u>Home Phone</u>
John Egelston	Drilling Engineer	505-333-3163	505-330-6902
Bobby Jackson	Drilling Superintendent	505-333-3224	505-486-4706
Glen Christiansen	Project Geologist	817-885-2800	

# **XTO Energy**

**Natural Buttes Wells(NAD83)**

**WHB 5-5H**

**WHB 5-5H**

**WHB 5-5H**

**Plan: Revised Wellbore**

## **Standard Planning Report**

**29 February, 2008**

# XTO Energy, Inc.

## Planning Report

**Database:** EDM 2003.14 Single User Db  
**Company:** XTO Energy  
**Project:** Natural Buttes Wells(NAD83)  
**Site:** WHB 5-5H  
**Well:** WHB 5-5H  
**Wellbore:** WHB 5-5H  
**Design:** Revised Wellbore

**Local Co-ordinate Reference:** Well WHB 5-5H  
**TVD Reference:** Rig KB @ 5436.0ft (Frontier #6)  
**MD Reference:** Rig KB @ 5436.0ft (Frontier #6)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature

**Project** Natural Buttes Wells(NAD83), Vernal, UT

**Map System:** US State Plane 1983  
**Geo Datum:** North American Datum 1983  
**Map Zone:** Utah Northern Zone  
**System Datum:** Mean Sea Level  
 Using Well Reference Point

**Site** WHB 5-5H, T11S, R20E

**Site Position:** Northing: 3,125,867.63 ft Latitude: 39° 53' 37.680 N  
**From:** Lat/Long Easting: 2,142,954.39 ft Longitude: 109° 42' 33.592 W  
**Position Uncertainty:** 0.0 ft Slot Radius: " Grid Convergence: 1.18 °

**Well** WHB 5-5H, S- Well to Wasatch/Mesaverde

**Well Position** +N/-S 0.0 ft Northing: 3,125,867.63 ft Latitude: 39° 53' 37.680 N  
 +E/-W 0.0 ft Easting: 2,142,954.39 ft Longitude: 109° 42' 33.592 W  
**Position Uncertainty** 0.0 ft Wellhead Elevation: 5,422.0 ft Ground Level: 5,422.0 ft

**Wellbore** WHB 5-5H

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	11/6/2007	11.59	65.84	52,618

**Design** Revised Wellbore

**Audit Notes:**

**Version:** Phase: PROTOTYPE Tie On Depth: 0.0

Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	185.43

### Plan Sections

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
360.0	0.00	0.00	360.0	0.0	0.0	0.00	0.00	0.00	0.00	
936.9	17.31	185.43	928.1	-86.1	-8.2	3.00	3.00	0.00	185.43	
3,873.5	17.31	185.43	3,731.9	-955.7	-90.8	0.00	0.00	0.00	0.00	
4,450.4	0.00	0.00	4,300.0	-1,041.8	-99.0	3.00	-3.00	0.00	180.00	WHB #5-5H -- Reque
9,300.4	0.00	0.00	9,150.0	-1,041.8	-99.0	0.00	0.00	0.00	0.00	

# XTO Energy, Inc.

## Planning Report

**Database:** EDM 2003.14 Single User Db  
**Company:** XTO Energy  
**Project:** Natural Buttes Wells(NAD83)  
**Site:** WHB 5-5H  
**Well:** WHB 5-5H  
**Wellbore:** WHB 5-5H  
**Design:** Revised Wellbore

**Local Co-ordinate Reference:** Well WHB 5-5H  
**TVD Reference:** Rig KB @ 5436.0ft (Frontier #6)  
**MD Reference:** Rig KB @ 5436.0ft (Frontier #6)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature

### Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
360.0	0.00	0.00	360.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	1.20	185.43	400.0	-0.4	0.0	0.4	3.00	3.00	0.00
500.0	4.20	185.43	499.9	-5.1	-0.5	5.1	3.00	3.00	0.00
600.0	7.20	185.43	599.4	-15.0	-1.4	15.1	3.00	3.00	0.00
700.0	10.20	185.43	698.2	-30.0	-2.9	30.2	3.00	3.00	0.00
800.0	13.20	185.43	796.1	-50.2	-4.8	50.5	3.00	3.00	0.00
900.0	16.20	185.43	892.8	-75.5	-7.2	75.8	3.00	3.00	0.00
936.9	17.31	185.43	928.1	-86.1	-8.2	86.5	3.00	3.00	0.00
1,000.0	17.31	185.43	988.4	-104.8	-10.0	105.2	0.00	0.00	0.00
1,100.0	17.31	185.43	1,083.9	-134.4	-12.8	135.0	0.00	0.00	0.00
1,200.0	17.31	185.43	1,179.4	-164.0	-15.6	164.7	0.00	0.00	0.00
1,300.0	17.31	185.43	1,274.8	-193.6	-18.4	194.5	0.00	0.00	0.00
1,400.0	17.31	185.43	1,370.3	-223.2	-21.2	224.2	0.00	0.00	0.00
1,500.0	17.31	185.43	1,465.8	-252.8	-24.0	254.0	0.00	0.00	0.00
1,600.0	17.31	185.43	1,561.2	-282.5	-26.8	283.7	0.00	0.00	0.00
1,700.0	17.31	185.43	1,656.7	-312.1	-29.7	313.5	0.00	0.00	0.00
1,800.0	17.31	185.43	1,752.2	-341.7	-32.5	343.2	0.00	0.00	0.00
1,900.0	17.31	185.43	1,847.7	-371.3	-35.3	373.0	0.00	0.00	0.00
2,000.0	17.31	185.43	1,943.1	-400.9	-38.1	402.7	0.00	0.00	0.00
2,100.0	17.31	185.43	2,038.6	-430.5	-40.9	432.5	0.00	0.00	0.00
2,200.0	17.31	185.43	2,134.1	-460.1	-43.7	462.2	0.00	0.00	0.00
2,269.0	17.31	185.43	2,200.0	-480.6	-45.7	482.7	0.00	0.00	0.00
<b>9 5/8"</b>									
2,300.0	17.31	185.43	2,229.6	-489.8	-46.6	492.0	0.00	0.00	0.00
2,400.0	17.31	185.43	2,325.0	-519.4	-49.4	521.7	0.00	0.00	0.00
2,500.0	17.31	185.43	2,420.5	-549.0	-52.2	551.5	0.00	0.00	0.00
2,600.0	17.31	185.43	2,516.0	-578.6	-55.0	581.2	0.00	0.00	0.00
2,700.0	17.31	185.43	2,611.5	-608.2	-57.8	610.9	0.00	0.00	0.00
2,800.0	17.31	185.43	2,706.9	-637.8	-60.6	640.7	0.00	0.00	0.00
2,900.0	17.31	185.43	2,802.4	-667.4	-63.4	670.4	0.00	0.00	0.00
3,000.0	17.31	185.43	2,897.9	-697.1	-66.3	700.2	0.00	0.00	0.00
3,100.0	17.31	185.43	2,993.3	-726.7	-69.1	729.9	0.00	0.00	0.00
3,200.0	17.31	185.43	3,088.8	-756.3	-71.9	759.7	0.00	0.00	0.00
3,300.0	17.31	185.43	3,184.3	-785.9	-74.7	789.4	0.00	0.00	0.00
3,400.0	17.31	185.43	3,279.8	-815.5	-77.5	819.2	0.00	0.00	0.00
3,500.0	17.31	185.43	3,375.2	-845.1	-80.3	848.9	0.00	0.00	0.00
3,600.0	17.31	185.43	3,470.7	-874.7	-83.1	878.7	0.00	0.00	0.00
3,700.0	17.31	185.43	3,566.2	-904.3	-86.0	908.4	0.00	0.00	0.00
3,800.0	17.31	185.43	3,661.7	-934.0	-88.8	938.2	0.00	0.00	0.00
3,873.5	17.31	185.43	3,731.9	-955.7	-90.8	960.0	0.00	0.00	0.00
3,898.8	16.55	185.43	3,756.0	-963.1	-91.5	967.4	3.00	-3.00	0.00
<b>Wasatch Tongue</b>									
3,900.0	16.51	185.43	3,757.2	-963.4	-91.6	967.7	3.00	-3.00	0.00
4,000.0	13.51	185.43	3,853.8	-989.2	-94.0	993.6	3.00	-3.00	0.00
4,100.0	10.51	185.43	3,951.6	-1,009.9	-96.0	1,014.5	3.00	-3.00	0.00
4,200.0	7.51	185.43	4,050.3	-1,025.5	-97.5	1,030.1	3.00	-3.00	0.00
4,251.0	5.98	185.43	4,101.0	-1,031.5	-98.0	1,036.1	3.00	-3.00	0.00
<b>Green River Tongue</b>									
4,300.0	4.51	185.43	4,149.7	-1,035.9	-98.5	1,040.6	3.00	-3.00	0.00

# XTO Energy, Inc.

## Planning Report

**Database:** EDM 2003.14 Single User Db  
**Company:** XTO Energy  
**Project:** Natural Buttes Wells(NAD83)  
**Site:** WHB 5-5H  
**Well:** WHB 5-5H  
**Wellbore:** WHB 5-5H  
**Design:** Revised Wellbore

**Local Co-ordinate Reference:** Well WHB 5-5H  
**TVD Reference:** Rig KB @ 5436.0ft (Frontier #6)  
**MD Reference:** Rig KB @ 5436.0ft (Frontier #6)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature

### Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,396.4	1.62	185.43	4,246.0	-1,041.1	-99.0	1,045.7	3.00	-3.00	0.00
<b>Wasatch</b>									
4,400.0	1.51	185.43	4,249.6	-1,041.2	-99.0	1,045.8	3.00	-3.00	0.00
4,450.4	0.00	0.00	4,300.0	-1,041.8	-99.0	1,046.5	3.00	-3.00	0.00
<b>WHB #5-5H -- Requested BHL</b>									
4,500.0	0.00	0.00	4,349.6	-1,041.8	-99.0	1,046.5	0.00	0.00	0.00
4,600.0	0.00	0.00	4,449.6	-1,041.8	-99.0	1,046.5	0.00	0.00	0.00
4,700.0	0.00	0.00	4,549.6	-1,041.8	-99.0	1,046.5	0.00	0.00	0.00
4,800.0	0.00	0.00	4,649.6	-1,041.8	-99.0	1,046.5	0.00	0.00	0.00
4,900.0	0.00	0.00	4,749.6	-1,041.8	-99.0	1,046.5	0.00	0.00	0.00
5,000.0	0.00	0.00	4,849.6	-1,041.8	-99.0	1,046.5	0.00	0.00	0.00
5,100.0	0.00	0.00	4,949.6	-1,041.8	-99.0	1,046.5	0.00	0.00	0.00
5,200.0	0.00	0.00	5,049.6	-1,041.8	-99.0	1,046.5	0.00	0.00	0.00
5,211.4	0.00	0.00	5,061.0	-1,041.8	-99.0	1,046.5	0.00	0.00	0.00
<b>Chapita Wells</b>									
5,300.0	0.00	0.00	5,149.6	-1,041.8	-99.0	1,046.5	0.00	0.00	0.00
5,400.0	0.00	0.00	5,249.6	-1,041.8	-99.0	1,046.5	0.00	0.00	0.00
5,500.0	0.00	0.00	5,349.6	-1,041.8	-99.0	1,046.5	0.00	0.00	0.00
5,600.0	0.00	0.00	5,449.6	-1,041.8	-99.0	1,046.5	0.00	0.00	0.00
5,700.0	0.00	0.00	5,549.6	-1,041.8	-99.0	1,046.5	0.00	0.00	0.00
5,800.0	0.00	0.00	5,649.6	-1,041.8	-99.0	1,046.5	0.00	0.00	0.00
5,900.0	0.00	0.00	5,749.6	-1,041.8	-99.0	1,046.5	0.00	0.00	0.00
6,000.0	0.00	0.00	5,849.6	-1,041.8	-99.0	1,046.5	0.00	0.00	0.00
6,100.0	0.00	0.00	5,949.6	-1,041.8	-99.0	1,046.5	0.00	0.00	0.00
6,200.0	0.00	0.00	6,049.6	-1,041.8	-99.0	1,046.5	0.00	0.00	0.00
6,300.0	0.00	0.00	6,149.6	-1,041.8	-99.0	1,046.5	0.00	0.00	0.00
6,400.0	0.00	0.00	6,249.6	-1,041.8	-99.0	1,046.5	0.00	0.00	0.00
6,471.4	0.00	0.00	6,321.0	-1,041.8	-99.0	1,046.5	0.00	0.00	0.00
<b>Uteland Buttes</b>									
6,500.0	0.00	0.00	6,349.6	-1,041.8	-99.0	1,046.5	0.00	0.00	0.00
6,600.0	0.00	0.00	6,449.6	-1,041.8	-99.0	1,046.5	0.00	0.00	0.00
6,700.0	0.00	0.00	6,549.6	-1,041.8	-99.0	1,046.5	0.00	0.00	0.00
6,800.0	0.00	0.00	6,649.6	-1,041.8	-99.0	1,046.5	0.00	0.00	0.00
6,900.0	0.00	0.00	6,749.6	-1,041.8	-99.0	1,046.5	0.00	0.00	0.00
7,000.0	0.00	0.00	6,849.6	-1,041.8	-99.0	1,046.5	0.00	0.00	0.00
7,100.0	0.00	0.00	6,949.6	-1,041.8	-99.0	1,046.5	0.00	0.00	0.00
7,200.0	0.00	0.00	7,049.6	-1,041.8	-99.0	1,046.5	0.00	0.00	0.00
7,286.4	0.00	0.00	7,136.0	-1,041.8	-99.0	1,046.5	0.00	0.00	0.00
<b>Castlegate</b>									
7,300.0	0.00	0.00	7,149.6	-1,041.8	-99.0	1,046.5	0.00	0.00	0.00
7,400.0	0.00	0.00	7,249.6	-1,041.8	-99.0	1,046.5	0.00	0.00	0.00
7,500.0	0.00	0.00	7,349.6	-1,041.8	-99.0	1,046.5	0.00	0.00	0.00
7,600.0	0.00	0.00	7,449.6	-1,041.8	-99.0	1,046.5	0.00	0.00	0.00
7,700.0	0.00	0.00	7,549.6	-1,041.8	-99.0	1,046.5	0.00	0.00	0.00
7,800.0	0.00	0.00	7,649.6	-1,041.8	-99.0	1,046.5	0.00	0.00	0.00
7,900.0	0.00	0.00	7,749.6	-1,041.8	-99.0	1,046.5	0.00	0.00	0.00
8,000.0	0.00	0.00	7,849.6	-1,041.8	-99.0	1,046.5	0.00	0.00	0.00
8,100.0	0.00	0.00	7,949.6	-1,041.8	-99.0	1,046.5	0.00	0.00	0.00
8,200.0	0.00	0.00	8,049.6	-1,041.8	-99.0	1,046.5	0.00	0.00	0.00
8,300.0	0.00	0.00	8,149.6	-1,041.8	-99.0	1,046.5	0.00	0.00	0.00
8,400.0	0.00	0.00	8,249.6	-1,041.8	-99.0	1,046.5	0.00	0.00	0.00
8,500.0	0.00	0.00	8,349.6	-1,041.8	-99.0	1,046.5	0.00	0.00	0.00
8,600.0	0.00	0.00	8,449.6	-1,041.8	-99.0	1,046.5	0.00	0.00	0.00

# XTO Energy, Inc.

## Planning Report

**Database:** EDM 2003.14 Single User Db  
**Company:** XTO Energy  
**Project:** Natural Buttes Wells(NAD83)  
**Site:** WHB 5-5H  
**Well:** WHB 5-5H  
**Wellbore:** WHB 5-5H  
**Design:** Revised Wellbore

**Local Co-ordinate Reference:** Well WHB 5-5H  
**TVD Reference:** Rig KB @ 5436.0ft (Frontier #6)  
**MD Reference:** Rig KB @ 5436.0ft (Frontier #6)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature

### Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
8,700.0	0.00	0.00	8,549.6	-1,041.8	-99.0	1,046.5	0.00	0.00	0.00
8,800.0	0.00	0.00	8,649.6	-1,041.8	-99.0	1,046.5	0.00	0.00	0.00
8,900.0	0.00	0.00	8,749.6	-1,041.8	-99.0	1,046.5	0.00	0.00	0.00
9,000.0	0.00	0.00	8,849.6	-1,041.8	-99.0	1,046.5	0.00	0.00	0.00
9,100.0	0.00	0.00	8,949.6	-1,041.8	-99.0	1,046.5	0.00	0.00	0.00
9,200.0	0.00	0.00	9,049.6	-1,041.8	-99.0	1,046.5	0.00	0.00	0.00
9,300.0	0.00	0.00	9,149.6	-1,041.8	-99.0	1,046.5	0.00	0.00	0.00
5 1/2"									
9,300.4	0.00	0.00	9,150.0	-1,041.8	-99.0	1,046.5	0.00	0.00	0.00

### Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
- hit/miss target									
- Shape									
WHB #5-5H — Requeste	0.00	0.00	4,300.0	-1,041.8	-99.0	3,124,824.00	2,142,876.85	39° 53' 27.387 N	109° 42' 34.862 W
- plan hits target									
- Circle (radius 50.0)									

### Casing Points

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")
2,269.0	2,200.0	9 5/8"	9-5/8	12-1/4
9,300.0	9,149.6	5 1/2"	5-1/2	7-7/8

### Formations

Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
3,898.8	3,756.0	Wasatch Tongue		0.00	
4,251.0	4,101.0	Green River Tongue		0.00	
4,396.4	4,246.0	Wasatch		0.00	
5,211.4	5,061.0	Chapita Wells		0.00	
6,471.4	6,321.0	Uteland Buttes		0.00	
7,286.4	7,136.0	Castlegate		0.00	



# WELL DETAILS: WHB 5-5H

+N/-S  
0.0

+E/-W  
0.0

Northing  
3125867.63

Ground Level: 5422.0

Easting  
2142954.39

Latitude  
39° 53' 37.680 N

Longitude  
109° 42' 33.592 W

Slot



## WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
WHB #5-5H -- Requested BHL	4300.0	-1041.8	-99.0	39° 53' 27.387 N	109° 42' 34.862 W	Circle (Radius: 50.0)

## SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	360.0	0.00	0.00	360.0	0.0	0.0	0.00	0.00	0.0	
3	936.9	17.31	185.43	928.1	-86.1	-8.2	3.00	185.43	86.5	
4	3873.5	17.31	185.43	3731.9	-955.7	-90.8	0.00	0.00	960.0	
5	4450.4	0.00	0.00	4300.0	-1041.8	-99.0	3.00	180.00	1046.5	WHB #5-5H -- Requested BHL
6	9300.4	0.00	0.00	9150.0	-1041.8	-99.0	0.00	0.00	1046.5	

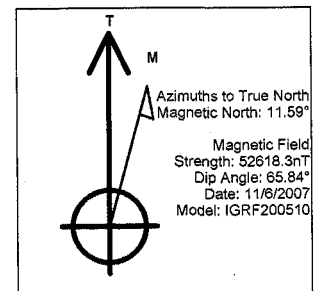
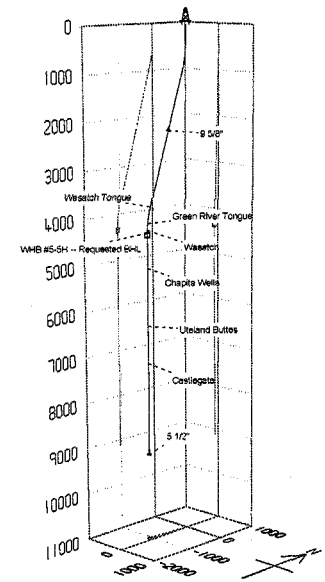
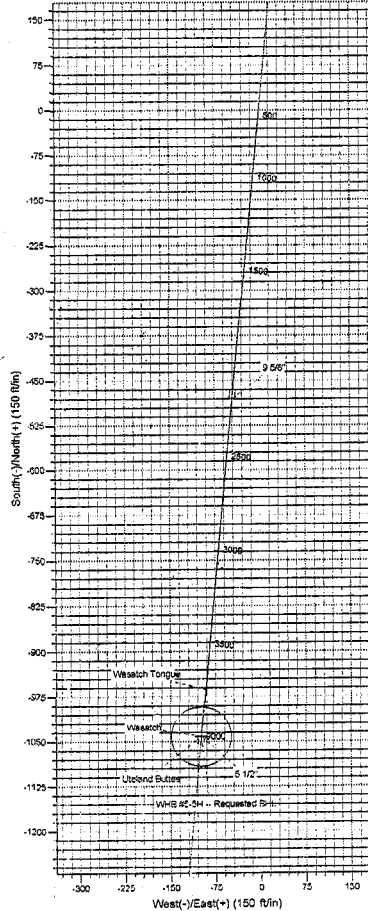
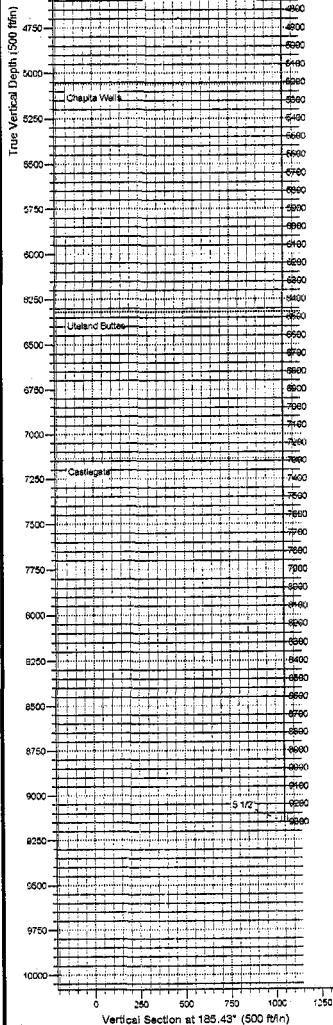
## CASING DETAILS

TVD	MD	Name	Size
2200.0	2269.0	9 5/8"	9-5/8
9149.6	9300.0	5 1/2"	5-1/2

## FORMATION TOP DETAILS

TVDPath	MDPath	Formation
3756.0	3898.8	Wasatch Tongue
4101.0	4251.0	Green River Tongue
4246.0	4395.4	Wasatch
5081.0	5211.4	Chapala Wells
6321.0	6471.4	Uteland Buttes
7136.0	7286.4	Castlegate

True Vertical Depth (500 ft/in)



STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER \_\_\_\_\_

2. NAME OF OPERATOR:  
XTO ENERGY INC.

3. ADDRESS OF OPERATOR:  
382 CR 3100 CITY AZTEC STATE NM ZIP 87410

PHONE NUMBER:  
(505) 333-3100

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 959' FNL & 734' FWL

COUNTY: UINTAH

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 5 11S 20E S

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 3/31/2008	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: MARCH MONTHLY REPORT
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Attached is XTO Energy's monthly report for the period of 03/01/2008 thru 03/31/2008.

NAME (PLEASE PRINT) DOLENA JOHNSON

TITLE OFFICE CLERK

SIGNATURE

*Dolena Johnson*

DATE 4/3/2008

(This space for State use only)

RECEIVED  
APR 03 2008  
DIV. OF OIL, GAS & MINING  
RECEIVED  
APR 09 2008  
DIV. OF OIL, GAS & MINING

**UINTAH****WHB 5-5H**

LOCATION : NWNW, Sec 5, T11S, R20E

CONTRACTOR:

WI %:

AFE#: 716250

API#: 43047394410000

DATE FIRST RPT: 3/1/2008

DATE: 3/1/2008

OPERATION: Drill Set 60' of 20" Conductor.

DFS: 0.88

Footage Made:

Measured Depth:

MW:

VISC:

WOB:

RPM:

DMC:

CMC:

DWC:

111,147.06

CWC:

111,147.06

TIME DIST: (21.00) Drill 26" Conductor Hole to 60'. Ran 20" Conductor Pipe Set @ 60'. Cement To Surface w/ 5 yds Redimix Cement. Drill And Set Rat And Mouse Hole For Unit 111. Called Matt Baker w/BLM & Carol Daniels w/State Of Utah @ 3:46 P.M. 2/28/2008 for 9:00 A.M. 2/29/2008 Spud Conductor..

DATE: 3/24/2008

OPERATION: MIRU

DFS: 23.88

Footage Made:

Measured Depth:

MW:

VISC:

WOB:

RPM:

DMC:

CMC:

DWC:

18,600.00

CWC:

129,747.06

TIME DIST: (24.00) MIRU..

DATE: 3/25/2008

OPERATION: MIRU. Weld Skid Plates on Mats.

DFS: 24.88

Footage Made:

Measured Depth:

MW:

VISC:

WOB:

RPM:

DMC:

CMC:

DWC:

21,114.00

CWC:

150,861.06

TIME DIST: (12.00) MIRU. Weld Skid Plates on Mats. Roll out plastic. Square up Mats. RU Stack on Well Head. RU Sub.. (12.00) Wait on Day Light..

DATE: 3/26/2008

OPERATION: MIRU.

DFS: 25.88

Footage Made:

Measured Depth:

MW:

VISC:

WOB:

RPM:

DMC:

CMC:

DWC:

42,197.41

CWC:

193,058.47

TIME DIST: (12.00) MIRU. Finish Setting Back Yard, Pits, Pumps, Light Plant, Fuel Tank, 400 BBIs Water tanks. Set Derrick on Floor. Change out Bridle Lines. Set Dog House. Tri-State Trucks Released at 1430 hrs.. (12.00) MIRU. Hook up Back Yard & Choke House..

DATE: 3/27/2008

OPERATION: RU Rig.

DFS: 26.88

Footage Made:

Measured Depth:

MW:

VISC:

26

WOB:

RPM:

DMC:

CMC:

DWC:

40,877.72

CWC:

233,936.19

TIME DIST: (12.00) RU Rig. Check Lights in Derrick. Inspect Derrick. Stress Test Derrick for 30 mins. Raise Derrick, Rig Up floor plates, pull gaurds off Drawworks, Replace make up cat head. Run choke lines, Ru flow lines, Cat Walks, Beaver slide, Hammer up stack. Repair hole in pill tank. Replace broken bolts in low drum. Install Drawworks gaurds.. (12.00) RU wind walls. RU Standpipe. Put gaurd on Cathead. Change oil in swivel. Hook up koomy lines to stack. PU kelly & bushing. PU Bells & Elev. Put BHA on Racks & Strap BHA..

DATE: 3/28/2008

OPERATION: Drilling Ahead f/100'.

DFS: 27.88

Footage Made: 40

Measured Depth: 100

MW:

VISC:

26

WOB:

RPM:

130

DMC:

CMC:

DWC:

25,200.00

CWC:

259,136.19

TIME DIST: (22.00) Repair High Drill Annular with Weatherford. High Drill Annular wouldn't open. Replace Element. Element Came from Casper Wyo.. (1.00) PU Motor Shock & XO.. (1.00) Drilled f/ 60' to 100'. Drid 40' for 1hr @ 40 ft/hr. Notified Carol w/ State Of Utah Micheal w/ BLM for new spud date & time 3/28/08 @ 05:00 A.M..

**DATE:** 3/29/2008  
**OPERATION:** Directional Drilling Ahead f/586'.  
**DFS:** 28.88      **Footage Made:** 486      **Measured Depth:** 586  
**MW:** 8.4      **VISC:** 26  
**WOB:** 25      **RPM:** 130  
**DMC:**      **CMC:**      **DWC:** 34,922.20      **CWC:** 294,058.39  
**TIME DIST:** (1.50) Drld 6' for 1.5 hrs @ 4 ft/hr.. (2.00) PU MWD Tools.. (4.00) Drld 131' for 4hrs @ 32.75 ft/hr.. (0.50) Repair #2 Mud Pump.. (1.50) Drld 29' for 1.5hrs @ 19.33 ft/hr.. (1.00) Torque Up Kelly. Hook Up Kelly Spinners.. (1.00) Drld 32' for 1 hr @ 32 ft/hr.. (0.50) Service Rig.. (12.00) Directional Drlg 278' for 12hrs @ 23.16 ft/hr..

**DATE:** 3/30/2008  
**OPERATION:** Directional Drilling Ahead f/1200' @ 26.00 ft/hr.  
**DFS:** 29.88      **Footage Made:** 614      **Measured Depth:** 1,200  
**MW:** 8.5      **VISC:** 30  
**WOB:** 25      **RPM:** 132  
**DMC:**      **CMC:**      **DWC:** 71,656.33      **CWC:** 365,714.72  
**TIME DIST:** (10.50) Drld Sliding 276' for 10.5 hrs @ 26.28 ft/hr.. (0.50) Service Rig.. (13.00) Drld Sliding 338' for 13 hrs @ 26.00 ft/hr..

**DATE:** 3/31/2008  
**OPERATION:** Directional Drilling Ahead f/2000' @ 34.78 ft/hr.  
**DFS:** 30.88      **Footage Made:** 800      **Measured Depth:** 2,000  
**MW:** 8.5      **VISC:** 30  
**WOB:** 30      **RPM:** 132  
**DMC:**      **CMC:**      **DWC:** 38,878.00      **CWC:** 404,592.72  
**TIME DIST:** (5.00) Drld Sliding & Rotating 220' for 5 hrs @ 44.00 ft/hr.. (0.50) Repair #1 Mud Pump.. (5.50) Drld Sliding & Rotating 213' for 5.5 hrs @ 38.72 ft/hr.. (0.50) Service Rig.. (12.50) Drld Sliding Rotating 367' for 12.5 hrs @ 29.36 ft/hr..

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:  
**UTU-39223**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:  
**UTE INDIAN TRIBE**

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:  
**WHB 5-5H**

9. API NUMBER:  
**4304739441**

10. FIELD AND POOL, OR WILDCAT:  
**UNDESIGNATED**

1. TYPE OF WELL  
OIL WELL ☐ GAS WELL ☒ OTHER \_\_\_\_\_

2. NAME OF OPERATOR:  
**XTO ENERGY INC.**

3. ADDRESS OF OPERATOR:  
**382 CR 3100** CITY **AZTEC** STATE **NM** ZIP **87410**

PHONE NUMBER:  
**(505) 333-3100**

4. LOCATION OF WELL

FOOTAGES AT SURFACE: **959' FNL & 734' FWL**

COUNTY: **UINTAH**

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: **NWNW 5 11S 20E S**

STATE:  
**UTAH**

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☐ NOTICE OF INTENT  
(Submit in Duplicate)  
Approximate date work will start:  
\_\_\_\_\_

☒ SUBSEQUENT REPORT  
(Submit Original Form Only)  
Date of work completion:  
**4/30/2008**

☐ ACIDIZE

☐ ALTER CASING

☐ CASING REPAIR

☐ CHANGE TO PREVIOUS PLANS

☐ CHANGE TUBING

☐ CHANGE WELL NAME

☐ CHANGE WELL STATUS

☐ COMMINGLE PRODUCING FORMATIONS

☐ CONVERT WELL TYPE

☐ DEEPEN

☐ FRACTURE TREAT

☐ NEW CONSTRUCTION

☐ OPERATOR CHANGE

☐ PLUG AND ABANDON

☐ PLUG BACK

☐ PRODUCTION (START/RESUME)

☐ RECLAMATION OF WELL SITE

☐ RECOMPLETE - DIFFERENT FORMATION

☐ REPERFORATE CURRENT FORMATION

☐ SIDETRACK TO REPAIR WELL

☐ TEMPORARILY ABANDON

☐ TUBING REPAIR

☐ VENT OR FLARE

☐ WATER DISPOSAL

☐ WATER SHUT-OFF

☒ OTHER: **APRIL MONTHLY  
REPORT**

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Attached is XTO Energy's monthly report for the period of 4/01/2008 thru 4/30/2008.

NAME (PLEASE PRINT) **WANETT MCCAULEY**

TITLE **FILE CLERK**

SIGNATURE

DATE **5/2/2008**

(This space for State use only)

RECEIVED

MAY 08 2008

DIV OF OIL, GAS & MINING

**UINTAH****WHB 5-5H**

LOCATION : NWNW, Sec 5, T11S, R20E  
CONTRACTOR: Unit Drilling, 111  
WI %:  
AFE#: 716250  
API#: 43047394410000  
DATE FIRST RPT: 3/1/2008

DATE: 3/1/2008  
OPERATION: Drill Set 60' of 20" Conductor.  
DFS: 0.88      Footage Made:      Measured Depth:  
MW:      VISC:  
WOB:      RPM:  
DMC:      CMC:      DWC: 111,147.06      CWC: 111,147.06  
TIME DIST: (21.00) Drill 26" Conductor Hole to 60'. Ran 20" Conductor Pipe Set @ 60'. Cement To Surface w/ 5 yds Redimix Cement. Drill And Set Rat And Mouse Hole For Unit 111. Called Matt Baker w/BLM & Carol Daniels w/State Of Utah @ 3:46 P.M. 2/28/2008 for 9:00 A.M. 2/29/2008 Spud Conductor..

DATE: 3/24/2008  
OPERATION: MIRU  
DFS: 23.88      Footage Made:      Measured Depth:  
MW:      VISC:  
WOB:      RPM:  
DMC:      CMC:      DWC: 18,600.00      CWC: 129,747.06  
TIME DIST: (24.00) MIRU..

DATE: 3/25/2008  
OPERATION: MIRU. Weld Skid Plates on Mats.  
DFS: 24.88      Footage Made:      Measured Depth:  
MW:      VISC:  
WOB:      RPM:  
DMC:      CMC:      DWC: 21,114.00      CWC: 150,861.06  
TIME DIST: (12.00) MIRU. Weld Skid Plates on Mats. Roll out plastic. Square up Mats. RU Stack on Well Head. RU Sub.. (12.00) Wait on Day Light..

DATE: 3/26/2008  
OPERATION: MIRU.  
DFS: 25.88      Footage Made:      Measured Depth:  
MW:      VISC:  
WOB:      RPM:  
DMC:      CMC:      DWC: 42,197.41      CWC: 193,058.47  
TIME DIST: (12.00) MIRU. Finish Setting Back Yard, Pits, Pumps, Light Plant, Fuel Tank, 400 BBIs Water tanks. Set Derrick on Floor. Change out Bridle Lines. Set Dog House. Tri-State Trucks Released at 1430 hrs.. (12.00) MIRU. Hook up Back Yard & Choke House..

DATE: 3/27/2008  
OPERATION: RU Rig.  
DFS: 26.88      Footage Made:      Measured Depth:  
MW: 26      VISC: 26  
WOB:      RPM:  
DMC:      CMC:      DWC: 40,877.72      CWC: 233,936.19  
TIME DIST: (12.00) RU Rig. Check Lights in Derrick. Inspect Derrick. Stress Test Derrick for 30 mins. Raise Derrick, Rig Up floor plates, pull gaurds off Drawworks, Replace make up cat head. Run choke lines, Ru flow lines, Cat Walks, Beaver slide, Hammer up stack. Repair hole in pill tank. Replace broken bolts in low drum. Install Drawworks gaurds.. (12.00) RU wind walls. RU Standpipe. Put gaurd on Cathead. Change oil in swivel. Hook up koomy lines to stack. PU kelly & bushing. PU Bells & Elev. Put BHA on Racks & Strap BHA..

DATE: 3/28/2008  
OPERATION: Drilling Ahead f/100'.  
DFS: 27.88      Footage Made: 40      Measured Depth: 100  
MW:      VISC: 26  
WOB: 15      RPM: 130  
DMC:      CMC:      DWC: 25,200.00      CWC: 259,136.19  
TIME DIST: (22.00) Repair High Drill Annular with Weatherford. High Drill Annular wouldn't open. Replace Element. Element Came from Casper Wyo.. (1.00) PU Motor Shock & XO.. (1.00) Drilled f/ 60' to 100'. Drid 40' for 1hr @ 40 ft/hr. Notified Carol w/ State Of Utah Micheal w/ BLM for new spud date & time 3/28/08 @ 05:00 A.M..

**DATE:** 3/29/2008  
**OPERATION:** Directional Drilling Ahead f/586'.  
**DFS:** 28.88 **Footage Made:** 486 **Measured Depth:** 586  
**MW:** 8.4 **VISC:** 26  
**WOB:** 25 **RPM:** 130  
**DMC:** **CMC:** **DWC:** 34,922.20 **CWC:** 294,058.39  
**TIME DIST:** (1.50) Drld 6' for 1.5 hrs @ 4 ft/hr.. (2.00) PU MWD Tools.. (4.00) Drld 131' for 4hrs @ 32.75 ft/hr.. (0.50) Repair #2 Mud Pump.. (1.50) Drld 29' for 1.5hrs @ 19.33 ft/hr.. (1.00) Torque Up Kelly. Hook Up Kelly Spinners.. (1.00) Drld 32' for 1 hr @ 32 ft/hr.. (0.50) Service Rig.. (12.00) Directional Drig 278' for 12hrs @ 23.16 ft/hr..

**DATE:** 3/30/2008  
**OPERATION:** Directional Drilling Ahead f/1200' @ 26.00 ft/hr.  
**DFS:** 29.88 **Footage Made:** 614 **Measured Depth:** 1,200  
**MW:** 8.5 **VISC:** 30  
**WOB:** 25 **RPM:** 132  
**DMC:** **CMC:** **DWC:** 71,656.33 **CWC:** 365,714.72  
**TIME DIST:** (10.50) Drld Sliding 276' for 10.5 hrs @ 26.28 ft/hr.. (0.50) Service Rig.. (13.00) Drld Sliding 338' for 13 hrs @ 26.00 ft/hr..

**DATE:** 3/31/2008  
**OPERATION:** Directional Drilling Ahead f/2000' @ 34.78 ft/hr.  
**DFS:** 30.88 **Footage Made:** 800 **Measured Depth:** 2,000  
**MW:** 8.5 **VISC:** 30  
**WOB:** 30 **RPM:** 132  
**DMC:** **CMC:** **DWC:** 38,878.00 **CWC:** 404,592.72  
**TIME DIST:** (5.00) Drld Sliding & Rotating 220' for 5 hrs @ 44.00 ft/hr.. (0.50) Repair #1 Mud Pump.. (5.50) Drld Sliding & Rotating 213' for 5.5 hrs @ 38.72 ft/hr.. (0.50) Service Rig.. (12.50) Drld Sliding Rotating 367' for 12.5 hrs @ 29.36 ft/hr..

**DATE:** 4/1/2008  
**OPERATION:** ND Surface Annular Stack. NU BOP's.  
**DFS:** 31.88 **Footage Made:** 295 **Measured Depth:** 2,295  
**MW:** 8.6 **VISC:** 32  
**WOB:** 35 **RPM:** 148  
**DMC:** **CMC:** **DWC:** 246,985.99 **CWC:** 651,578.71  
**TIME DIST:** (9.50) Drilled Sliding 295' for 9.5hrs @ 31.05 ft/hr.. (1.00) Circulate.. (3.50) TOOH LD 8" Tools & Directional Tools.. (4.00) PU Run 9 5/8" 36# J-55 Surface Casing Landed @ 2272.42' KB.. (5.50) Cement w/Halliburton 220 sks 10.5# 4.14 Yield 26.03 Gal/sk Lead Cmt, 250 sks 15.6# 1.2 Yield 5.26 Gal/sk Tail Cmt. Cement to Surface & stayed.. (0.50) Clean Out Annular Stack..

**DATE:** 4/2/2008  
**OPERATION:** ND Surface Annular Stack. NU BOP's.  
**DFS:** 32.88 **Footage Made:** 0 **Measured Depth:** 2,295  
**MW:** 8.5 **VISC:** 26  
**WOB:** **RPM:**  
**DMC:** **CMC:** **DWC:** 46,155.72 **CWC:** 697,734.43  
**TIME DIST:** (6.50) ND Surface Annular Stack.. (7.50) NU BOP's.. (7.00) BOP Test.. (3.00) Past w/ Restrictions on Choke Line, Manual Valve will be replaced & Annular Hydraulic leak FIXED before next BOP Test on next well..

**DATE:** 4/3/2008  
**OPERATION:** Rig Repairs. Drilling Ahead f/ 2789'.  
**DFS:** 33.88 **Footage Made:** 494 **Measured Depth:** 2,789  
**MW:** 26 **VISC:** 26  
**WOB:** 10 **RPM:** 152  
**DMC:** **CMC:** **DWC:** 39,863.00 **CWC:** 737,597.43  
**TIME DIST:** (1.00) ND BOP Tester.. (2.00) PU & Orient Directional Tool.. (2.50) TIH to 2272'.. (1.50) Drld Cmt, Float & Guide Shoe f/ 2272 to 2295'.. (4.00) Directional Drig for 183' for 4hrs @ 45.75 ft/hr.. (0.50) Service Rig.. (7.00) Directional Drig for 311' for 7hrs @ 44.43 ft/hr.. (5.50) Rig Repairs. #2 Mud Pump Discharge Line has a hole in it. Wait on Welders..

**DATE:** 4/4/2008  
**OPERATION:** Drilling Ahead f/ 2974'.  
**DFS:** 34.88 **Footage Made:** 185 **Measured Depth:** 2,974  
**MW:** 8.9 **VISC:** 32

**WOB:** 50                      **RPM:** 152  
**DMC:**                      **CMC:**                      **DWC:** 44,485.00                      **CWC:** 782,082.43  
**TIME DIST:** (4.00) Repair #2 Mud Pump Line.. (2.00) Short Trip To Surface Casing.. (2.00) Circulate & Condition Mud.. (9.50) Directional Drilling 185' for 9.5 hrs @ 19.47 ft/hr. Can't Slid. Sticks to Wall.. (0.50) Pump Pill For Trip.. (2.50) TOO H Stand Back 6 Drill Collars in Derrick.. (3.50) TIH to 2974'..

**DATE:** 4/5/2008  
**OPERATION:** Directional Drilling Ahead f/3980'  
**DFS:** 35.88                      **Footage Made:** 1,006                      **Measured Depth:** 3,980  
**MW:** 9.1                      **VISC:** 32  
**WOB:** 15                      **RPM:** 146  
**DMC:**                      **CMC:**                      **DWC:** 40,590.00                      **CWC:** 822,672.43  
**TIME DIST:** (9.50) Directional Drig 381' for 9.5 hrs @ 40.10 ft/hr.. (2.50) Rig Repairs. Repair #1 Mud Pump.. (0.50) Directional Drig 18' for .5 hrs @ 9.0 ft/hr.. (0.50) Service Rig.. (11.00) Directional Drig 607' for 11hrs @ 55.18 ft/hr..

**DATE:** 4/6/2008  
**OPERATION:** TIH. Drilling Ahead f/4611'.  
**DFS:** 36.88                      **Footage Made:** 631                      **Measured Depth:** 4,611  
**MW:** 9.2                      **VISC:** 35  
**WOB:** 0                      **RPM:** 0  
**DMC:**                      **CMC:**                      **DWC:** 84,081.28                      **CWC:** 906,753.71  
**TIME DIST:** (11.00) Directional Drld 474' for 11 hrs @ 43.09 ft/hr.. (0.50) Service Rig.. (3.00) Directional Drld 157' for 3 hrs @ 52.33 ft/hr.. (0.50) Circulate.. (3.00) TOO H.. (1.00) LD Directional Tools.. (2.50) TIH to Shoe.. (1.00) Slip & Cut Drill Line.. (1.00) Tight Hole.. (0.50) LD 6 Jts Drill Pipe to Ream With..

**DATE:** 4/7/2008  
**OPERATION:** Drilling Ahead f/5385'.  
**DFS:** 37.88                      **Footage Made:** 774                      **Measured Depth:** 5,385  
**MW:** 9.3                      **VISC:** 37  
**WOB:** 18                      **RPM:** 142  
**DMC:**                      **CMC:**                      **DWC:** 30,879.72                      **CWC:** 937,633.43  
**TIME DIST:** (7.00) Wash Ream & TIH f/ 3033' to 4611' (Wall Cake).. (3.50) Drld 167' for 3.5 hrs @ 47.71 ft/hr.. (0.50) Miss Run.. (0.50) Drld 31' for 5 hrs @ 62.00 ft/hr.. (0.50) Deviation Survey @ 4729' 2 Degrees.. (0.50) Drld 576' for 12 hrs @ 48.00 ft/hr..

**DATE:** 4/8/2008  
**OPERATION:** Drilling Ahead f/6115'.  
**DFS:** 38.88                      **Footage Made:** 730                      **Measured Depth:** 6,115  
**MW:**                      **VISC:**                      **DWC:** 32,846.06                      **CWC:** 970,479.49  
**WOB:** 15                      **RPM:** 146  
**DMC:**                      **CMC:**                      **DWC:** 32,846.06                      **CWC:** 970,479.49  
**TIME DIST:** (11.00) Drilled f/5385 to 5805 = 420ft @ 38.2ft/hr WOB=20 RPM65t + 75motor=140 GPM=500 SPP=2020. (0.50) survey @ 5728 (2.25 degrees). (0.50) Rig service. (8.00) Drilled f/5805 to 6056 = 251ft @ 31.38ft/hr WOB=18 RPM65t + 75motor=140 GPM=500 SPP=2020. (0.50) Survey @ 5977 (3.00 degrees). (3.50) Drilled f/6056 to 6115 = 59ft @ 16.85ft/hr WOB=14 RPM70t + 75motor=145 GPM=500 SPP=2000.

**DATE:** 4/9/2008  
**OPERATION:** Drilling Ahead f/6115'.  
**DFS:** 39.88                      **Footage Made:** 605                      **Measured Depth:** 6,720  
**MW:** 9.6                      **VISC:** 34  
**WOB:** 20                      **RPM:** 140  
**DMC:**                      **CMC:**                      **DWC:** 35,333.05                      **CWC:** 1,005,812.54  
**TIME DIST:** (6.00) Drilled f/6115 to 6303 = 188ft @ 31.33ft/hr WOB=20 RPM65t + 75motor=140 GPM=500 SPP=2020. (0.50) Survey @ 6223 (3 Degrees). (3.00) Drilled f/6303 to 6396 = 93ft @ 31ft/hr WOB=20 RPM65t + 75motor=140 GPM=500 SPP=2020. (0.50) Rig service. (7.50) Drilled f/6396 to 6582 = 186ft @ 24.8ft/hr WOB=20 RPM60-65t + 75motor=135-140 GPM=500 SPP=2020. (0.50) survey @ 6504 (3 degrees). (6.00) Drilled f/6582 to 6720 = 138ft @ 23ft/hr WOB=20 RPM65 70t + 75motor=135-140 GPM=500 SPP=2050.

**DATE:** 4/10/2008  
**OPERATION:** Rig repair  
**DFS:** 40.88                      **Footage Made:** 29                      **Measured Depth:** 6,749  
**MW:** 9.7                      **VISC:** 40  
**WOB:** 20                      **RPM:** 140  
**DMC:**                      **CMC:**                      **DWC:** 62,358.16                      **CWC:** 1,068,170.70



**TIME DIST:** (2.00) Drilled f/6720 to 6749 = 29ft @ 14.5ft/hr WOB=20 RPM65-70t + 75motor=135-140 GPM=500 SPP=2050. (2.00) Mix and pump high vis sweep, circulate sweep to surface, mix and pump pill for dry job, drop survey. (2.00) trip out for bit and IBS. (5.00) Work tight hole @ 4450 (keyseat @approx. 3700). (3.00) trip out for bit and IBS (tight). (10.00) Repair Drawworks.

**DATE:** 4/11/2008  
**OPERATION:** Wait on drawworks shaft & sprocket  
**DFS:** 41.88 **Footage Made:** 0 **Measured Depth:** 6,749  
**MW:** 9.6 **VISC:** 37  
**WOB:** 20 **RPM:** 140  
**DMC:** **CMC:** **DWC:** 28,660.00 **CWC:** 1,096,830.70  
**TIME DIST:** (24.00) Remove & replace input shaft on drawworks. Wait on welder..

**DATE:** 4/12/2008  
**OPERATION:** Wash & ream to bottom  
**DFS:** 42.88 **Footage Made:** 0 **Measured Depth:** 6,749  
**MW:** 9.6 **VISC:** 39  
**WOB:** 20 **RPM:** 140  
**DMC:** **CMC:** **DWC:** 39,982.00 **CWC:** 1,136,812.70  
**TIME DIST:** (7.00) Repair drawworks input shaft. (1.50) TOH L/D IBS & change out bit. (3.50) Trip in hole P/U keyseat wiper(top of 6th std drillpipe) TIH to keyseat. (3.00) Clean up keyseat @ appr. 4300'. (3.50) TOH to lay down keyseat wiper. (3.50) Trip in hole w/ new bit. (2.00) Wash & ream 120' to bottom (undergauge).

**DATE:** 4/13/2008  
**OPERATION:** Drilling Ahead f/7415'.  
**DFS:** 43.88 **Footage Made:** 701 **Measured Depth:** 7,450  
**MW:** 9.6 **VISC:** 37  
**WOB:** 20 **RPM:** 135  
**DMC:** **CMC:** **DWC:** 24,480.00 **CWC:** 1,161,292.70  
**TIME DIST:** (9.00) Drilled f/6749 to 7047 = 298ft @ 33.11ft/hr WOB=20 RPM65t + 75motor=140 GPM=475 SPP=2020. (0.50) Rig service Function hydril. (0.50) Survey @ 6970(missrun). (3.00) Drilled f/ 7047 to 7141= 94ft @ 31.33ft/hr WOB=20 RPM65t + 75motor=140 GPM=475 SPP=2020. (1.00) Survey @ 7070 (2 degrees). (10.00) Drilled f/ 7141 to 7450 = 309ft @ 30.9ft/hr WOB=20 RPM65t + 75motor=140 GPM=475 SPP=2020.

**DATE:** 4/14/2008  
**OPERATION:** Drilling Ahead f/8064'.  
**DFS:** 44.88 **Footage Made:** 614 **Measured Depth:** 8,064  
**MW:** 9.6 **VISC:** 41  
**WOB:** 20 **RPM:** 135  
**DMC:** **CMC:** **DWC:** 26,368.00 **CWC:** 1,187,660.70  
**TIME DIST:** (8.50) Drilled f/7450 to 7696 = 246ft @ 28.94ft/hr WOB=20 RPM55t + 75motor=130 GPM=475 SPP=2020. (1.00) Circulate bottoms up, build & pump pill. (4.00) Short trip to top of keyseat (4200'). (10.50) Drilled f/7696 to 8064= 368ft @35.04 ft/hr WOB=25 RPM55t + 75motor=130 GPM=475 SPP=2020.

**DATE:** 4/15/2008  
**OPERATION:** Drilling Ahead f/8718'.  
**DFS:** 45.88 **Footage Made:** 654 **Measured Depth:** 8,718  
**MW:** 10 **VISC:** 44  
**WOB:** 25 **RPM:** 121  
**DMC:** **CMC:** **DWC:** 29,390.00 **CWC:** 1,217,050.70  
**TIME DIST:** (9.50) Drld 311' for 9.5hrs @ 32.73 ft/hr.. (0.50) Service Rig.. (1.00) Deviation Survey @ 8300' 2.25 Degrees.. (13.00) Drld 343' for 13hrs @ 26.38 ft/hr..

**DATE:** 4/16/2008  
**OPERATION:** Drilling Ahead f/8868'.  
**DFS:** 46.88 **Footage Made:** 150 **Measured Depth:** 8,868  
**MW:** 9.9 **VISC:** 44  
**WOB:** 35 **RPM:** 121  
**DMC:** **CMC:** **DWC:** 70,627.59 **CWC:** 1,287,678.29  
**TIME DIST:** (6.00) Drld 127' for 6hrs @ 21.16 ft/hr.. (1.00) Service Rig.. (1.00) Drld 23' for 1hr @ 23.00 ft/hr.. (1.00) Circulate for Bit Trip.. (5.50) TOOH for Bit.. (1.00) LD Old Bit & Mud Motor. PU New Bit & Mud Motor.. (3.50) TIH To 4544 to fill pipe. Strong Winds.. (0.50) Fill Pipe.. (3.00) TIH To 8739'.. (1.50) PU Kelly Ream f/8739' to 8868'..

**DATE:** 4/17/2008

**OPERATION:** Circulate To TOOH For Logs.  
**DFS:** 47.88      **Footage Made:** 471      **Measured Depth:** 9,339  
**MW:** 10      **VISC:** 45  
**WOB:** 25      **RPM:** 124  
**DMC:**      **CMC:**      **DWC:** 29,053.00      **CWC:** 1,316,731.29  
**TIME DIST:** (0.50) Ream to 8868'.. (8.00) Drld 196' for 8 hrs @ 24.50 ft/hr.. (0.50) Service Rig.. (14.50) Drld 275' for 14.50 hrs @ 18.97 ft/hr. TD @ 0530 A.M. 4/17/2008.. (0.50) Circulate..

**DATE:** 4/18/2008  
**OPERATION:** TOOH LD Drill Pipe & BHA.  
**DFS:** 48.88      **Footage Made:** 0      **Measured Depth:** 9,339  
**MW:** 10      **VISC:** 44  
**WOB:**      **RPM:**      **DWC:** 57,876.00      **CWC:** 1,374,607.29  
**DMC:**      **CMC:**      **DWC:** 57,876.00      **CWC:** 1,374,607.29  
**TIME DIST:** (1.00) Circulate.. (0.50) Deviation Survey @ 9262' 3.5 Degrees & 9308' 2.9 Degrees.. (0.50) Pump Pill.. (6.00) TOOH.. (11.00) Run Open Hole Logs with Baker. Loggers TD 9336'.. (5.00) TIH To LD Pipe..

**DATE:** 4/19/2008  
**OPERATION:** PU & Run 5.500" Csg & Cement.  
**DFS:** 49.88      **Footage Made:** 0      **Measured Depth:** 9,339  
**MW:** 10      **VISC:** 45  
**WOB:**      **RPM:**      **DWC:** 25,370.00      **CWC:** 1,399,977.29  
**DMC:**      **CMC:**      **DWC:** 25,370.00      **CWC:** 1,399,977.29  
**TIME DIST:** (2.00) TIH w/Pipe.. (1.00) Circulate.. (6.00) TOOH LD Pipe.. (1.00) Soft Break Kelly. Rig Down Kelly Spinner Motor.. (5.00) TOOH LD Pipe & Kelly.. (1.00) Cut & Slip Drill Line.. (0.50) Pull Wear Bushing.. (7.50) PU & Run 5.500", 17#, LT&C I-80 Casing..

**DATE:** 4/20/2008  
**OPERATION:** Skidding Rig To WHB 4-5H  
**DFS:** 50.88      **Footage Made:** 0      **Measured Depth:** 9,339  
**MW:**      **VISC:**      **DWC:**      **CWC:**      **CWC:** 1,626,370.86  
**WOB:**      **RPM:**      **DWC:** 226,393.57      **CWC:** 1,626,370.86  
**DMC:**      **CMC:**      **DWC:** 226,393.57      **CWC:** 1,626,370.86  
**TIME DIST:** (3.50) Finish Running 5.500" 17# I-80 LT&C Casing. Landed Casing @ 9316.12'.. (1.50) Circulate.. (5.00) Cement Production Casing to Surface w/295sks of Lead Cement & w/1605 sks of Tail Cement.. (14.00) Rig Down Rig to skid to WHB 4-5H. Rig Released @ 1800 hrs (6.00 P.M.) 4/19/08..

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0137  
Expires July 31, 2010

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on page 2

## 1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

## 2. Name of Operator

XTO Energy Inc.

## 3a. Address

382 CR 3100 Aztec, NM 87410

## 3b. Phone No. (include area code)

505-333-3100

## 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

959' FNL &amp; 734' FWL NWNW SEC 5D-T11S-R20E

## 5. Lease Serial No.

UTU-39223

## 6. If Indian, Allottee or Tribe Name

UTE INDIAN TRIBE

## 7. If Unit or CA/Agreement, Name and/or No.

N/A

## 8. Well Name and No.

WHB 5-5H

## 9. API Well No.

43-047-39441

## 10. Field and Pool, or Exploratory Area

UNDESIGNATED

## 11. County or Parish, State

UTAH

UT

## 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

## TYPE OF SUBMISSION

- ☐ Notice of Intent
- ☒ Subsequent Report
- ☐ Final Abandonment Notice

## TYPE OF ACTION

- |   |   |  |  |
|---|---|--|--|
| <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen           | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off                  |
| <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Fracture Treat   | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity                  |
| <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete                | <input checked="" type="checkbox"/> Other <u>MAY '08</u> |
| <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       | <u>MONTHLY REPORTING</u>                                 |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back        | <input type="checkbox"/> Water Disposal            |  |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

XTO Energy Inc. has nothing to report on this well for the month of May 2008.

RECEIVED  
JUN 06 2008  
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

WANETT MCCAULEY

Title FILE CLERK

Signature

Date 06/03/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

DOG M COPY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0137  
Expires July 31, 2010

## SUNDRY NOTICES AND REPORTS ON WELLS

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SUBMIT IN TRIPLICATE - Other instructions on page 2

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## 2. Name of Operator

XTO Energy Inc.

## 3a. Address

382 CR 3100 Aztec, NM 87410

## 3b. Phone No. (include area code)

505-333-3100

## 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SHL: 959' FNL &amp; 734' FWL NWNW SEC 5-T11S-R20E SLB&amp;M

BHL: 2000' FNL &amp; 650' FWL SWNW SEC 5-T11S-R20E SLB&amp;M

## 5. Lease Serial No.

UTU-39223

## 6. If Indian, Allottee or Tribe Name

UTE INDIAN TRIBE

## 7. If Unit or CA/Agreement, Name and/or No.

N/A

## 8. Well Name and No.

WHB 5-5H

## 9. API Well No.

43-047-39441

## 10. Field and Pool, or Exploratory Area

UNDESIGNATED

## 11. County or Parish, State

UINTAH

UT

## 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

## TYPE OF SUBMISSION

- ☐ Notice of Intent
- ☒ Subsequent Report
- ☐ Final Abandonment Notice

## TYPE OF ACTION

- |   |   |  |   |
|---|---|--|---|
| <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen           | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off                   |
| <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Fracture Treat   | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity                   |
| <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete                | <input checked="" type="checkbox"/> Other <u>JUNE '08</u> |
| <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       | <u>MONTHLY REPORTING</u>                                  |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back        | <input type="checkbox"/> Water Disposal            |   |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

Attached is XTO Energy's monthly report for the period of 06/01/2008 thru 06/30/2008.

RECEIVED

JUL 07 2008

DIV. OF OIL, GAS &amp; MINING

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

WANETT MCCAULEY

Title FILE CLERK

Signature

Date 07/01/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

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## Farmington Well Workover Report

<b>WILD HORSE BENCH</b>	<b>Well # 005-05H</b>	<b>MV/WSTC</b>
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**Objective:** Drill & Complete

**First Report:** 02/05/2008

**AFE:** 716250

**6/6/08** Cont rpt for AFE # 716250 to D&C. MIRU PerfoLog WL. RIH w/GR/CCL/CBL logging t/s. Tgd @ 9,218'. Run CBL under 750 psig fr/9,218' - 500' FS. Log indic TOC @ 716'. POH & LD logging t/s. RU pmp trk. PT csg & frac vlv to 5000 psig (OK). POH & RDMO WL. SWI & SDFN. Rpts suspd until further activity.

**6/11/08** Cont rpt for AFE # 716250 to D&C. MIRU CTU. RIH w/4-3/4" 4 blade rev mill & DH mud mtr on 2" CT. Estb circ & DO cmt fr/9,218' - 9,268'. Circ well c/n & spot sc inhib in csg. TOH w/CT & LD BHA. Flshd coil w/ N2 & RDMO CTU. SWI & SDFN. Rpts suspd until further activity.

**6/12/08** Cont rpt for AFE # 716250 to D&C. MIRU PerfoLog WL. RIH w/GR/CCL/CBL logging t/s. Tgd @ 9,218'. Run CBL under 750 psig fr/9,218' - 500' FS. Log indic TOC @ 716'. POH & LD logging t/s. RU pmp trk. PT csg & frac vlv to 5000 psig (OK). POH & RDMO WL. SWI & SDFN. Rpts suspd until further activity.

**6/25/08** MIRU Perf O Log. RIH w/3-3/8" csg guns loaded w/Titan EXP-3323-321T, 25 gm chrgs. Perf stage 1 MV intv fr/9130' - 34', 9138' - 40', 9158' - 61', 9213' - 15', 9228' - 30', 9239' - 42' & 9246' - 50' w/2 SPF (120 deg phasing, 0.41" EHD, 45.16" pene., 47 holes). POH & LD perf guns. SWI & RDMO WL. Rpts suspd until further activity.

**6/27/08** MIRU HES & PERF O LOG WL. Hold saftey meeting. BD MV stg #1 perfs w/2% KCL wtr & EIR. A. MV perfs fr/9130-9250' w/1750 gals of 7-1/2% NEFE HCL ac & 71 Bio-BS @ 10 bpm dwn 5-1/2" csg. Bd form @ 4408 psig. Ppd 254 bls ttl. No BA. ISIP 4185 psig, surge balls off perfs & SD 20". Fracd MV stg #1 perfs fr/9130' - 9250', dwn 5-1/2" csg w/77,648 gals wtr, 60Q N2 foam gelled fld (Delta-R 17 Foam Frac), 2% KCl wtr carrying 96,075# Premium White 20/40 sd, coated w/Expedite Lite. Max sd conc 3 ppg, ISIP 3767psig, 5" SIP 3859 psig. .84 FG. Used 1,535 mscf of N2, 1445 BLW (stg 1). RIH & set 8K CBP @ 8900'. PT plg to 6,000 psig, gd tst. RIH w/3-3/8" csg guns loaded w/Titan EXP-3323-321T, 25 gm chrgs. Perf stage 2 MV intv fr/8696-8702' & 8820-30' w/2 SPF (120 deg phasing, 0.41" EHD, 45.16" pene., 34 holes). Unable to Bd form @ 6500 psig. RIH w/WL & dump blr. Spot 15 gals 14% HCL ac fr/8696' - 8702'. SWI & SDFN. 1145 BLWTR.

**6/28/08** Hold saftey meeting. BD MV stg #2 perfs w/2% KCL wtr & EIR. A. MV perfs fr/8696' - 8830' w/800 gals of 7-1/2% NEFE HCL ac & 51 Bio-BS @ 10 bpm dwn 5-1/2" csg. Bd perfs @ 4965 psig. Ppd 225 bls ttl. No BA. ISIP 3385 psig, surge balls off perfs & SD 20". Fracd MV stg #2 perfs fr/8696' - 8830' dwn 5-1/2" csg w/46,886 gals wtr, 60Q N2 foam gelled fld (Delta-R 17 Foam Frac), 2% KCl wtr carrying 67,474 lbs Premium White 20/40 sd, coated w/Expedite Lite. Max sd conc 3 ppg, ISIP 3524 psig, 5" SIP 3242 psig. 0.84 FG. Used 1,119 mscf of N2, 922 BLW (stg 2). RIH & set 8K CBP @ 7250'. PT plg to 6,000 psig, gd tst. RIH w/3-3/8" csg guns loaded w/Titan EXP-3323-321T, 25 gm chrgs. Perf stage 3 MV intv fr/7188' - 99' & 7203' - 06' w/2 SPF (120 deg phasing, 0.41" EHD, 45.16" pene., 30 holes). BD MV stg #3 perfs w/2% KCL wtr & EIR. A. MV perfs fr/7188' - 7206' w/1000 gals of 7-1/2% NEFE HCL ac & 45 Bio-BS @ 10 bpm dwn 5-1/2" csg. BD perfs @ 3947 psig. Ppd 182 bls ttl. Balled out perfs @ 5200 psig. surge balls off perfs & SD 20". Fracd MV stg 3 perfs fr/7188' - 7206' dwn 5-1/2" csg w/33,315 gals wtr, 70Q N2 foam gelled fld (Delta-R 17 Foam Frac), 2% KCl wtr carrying 50,000 lbs Premium White 20/40 sd, coated w/Expedite Lite. Max sd conc 3 ppg, ISIP 3435 psig, 5" SIP 3335 psig. 0.92 FG. Used 877 mscf of N2, 619 BLW (stg 3). RIH & set 6K CBP @ 6675'. PT plg to 6,000 psig, gd tst. RIH w/3-3/8" csg guns loaded w/Titan EXP-3323-321T, 25 gm chrgs. Perf stage 4 MV intv fr/6348' - 53' & 6511' - 17' w/2 SPF (120 deg phasing, 0.41" EHD, 45.16" pene., 24 holes). BD MV stg #4 perfs w/2% KCL wtr & EIR. A. MV perfs fr/6348' - 6517' w/850 gals of 7-1/2% NEFE HCL ac & 36 Bio-BS @ 10 bpm dwn 5-1/2" csg. BD @ 4465 psig. Ppd 192 bls ttl. Balled off perfs @ 5200 psig, surge balls off perfs & SD 20". Fracd MV stg #4 perfs fr/6348' - 6517' dwn 5-1/2" csg w/19,585 gals wtr, 70Q N2 foam gelled fld (Delta-R 17 Foam Frac), 2% KCl wtr carrying 40,000 lbs Premium White 20/40 sd, coated w/Expedite Lite. Max sd conc 4 ppg, ISIP 2428 psig, 5" SIP 2579 psig. 0.82 FG. Used 750 mscf of N2, 511 BLW (stg 4). SWI & SDFN. RDMO HES. 1145 BLWTR.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0137  
Expires July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. <b>UTU-39223</b>
2. Name of Operator <b>XTO Energy Inc.</b>		6. If Indian, Allottee or Tribe Name <b>UTE INDIAN TRIBE</b>
3a. Address <b>382 CR 3100 Aztec, NM 87410</b>	3b. Phone No. (include area code) <b>505-333-3100</b>	7. If Unit or CA/Agreement, Name and/or No. <b>N/A</b>
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>SHL: 959' FNL &amp; 734' FWL NWNW SEC 5-T11S-R20E SLB&amp;M</b> <b>BHL: 2000' FNL &amp; 650' FWL SWNW SEC 5-T11S-R20E SLB&amp;M</b>		8. Well Name and No. <b>WHB 5-5H</b>
		9. API Well No. <b>43-047-39441</b>
		10. Field and Pool, or Exploratory Area <b>UNDESIGNATED</b>
		11. County or Parish, State <b>UT</b>

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <b>JULY '08</b>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<b>MONTHLY REPORTING</b>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

Attached is XTO Energy's monthly report for the period of 07/01/2008 thru 07/31/2008.

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AUG 11 2008

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) <b>WANETT, MCCAULEY</b>		Title <b>FILE CLERK</b>
Signature <i>Wanett McCauley</i>		Date <b>08/04/2008</b>

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

DOGM COPY

# EXECUTIVE SUMMARY REPORT

7/1/2008 - 7/31/2008  
Report run on 8/2/2008 at 1:24 PM

Wild Horse Bench 05-05H - Natural Buttes, 05, 11S, 20E, Uintah, Utah, Tim Friesenhahn, Roosevelt,

AFE: 716250

Objective: Drill & Complete a gas well

7/2/2008 SICP 2350 psig. Bd well. ND FV. NU Bop. PU & TIH w/4.75" mill, BRS, 2-3/8" SN & 183 jts new 2-3/8", 4.7#, J-55, EUE, 8rd tbg fr/XTO stk. Tgd CBP @ 6200'. RU pwr swivel & SWI. SDFN. 1145 BLWTR  
PREP TO DRILL OUT CFP

7/4/2008 ===== Wild Horse Bench 05-05H =====  
Estb circ & DO kill plg @ 6200'. Cont TIH w/tbg, tgd 435' sd fill @ 6240'. CO to & DO #1 CBP @ 6675'. Cont TIH w/tbg, tgd 40' sd fill @ 7210'. CO to & DO #2 & DO CBP @ 77250'. Cont TIH w/tbg, tgd 120' sd fill @ 8780'. CO fill & DO #3 CBP @ 78900. Cont TIH w/tbg, tgd PBD @ 8895'. 282 jts ttl. Circ well cln. Dart valve failed. Pmp 20 bls 2% dwn tbg. TOH & LD w/ 5 jts tbg. EOT @ 9100'. Ld tbg w/hgr. 277 jt's L-80, 4.7#, eue. SN @ 9100', EOT @ 9,101'. ND BOP. Pmp 20 bls 2% dwn tbg. NU WH. OWU to test tnk. Unload 90 bls 1hr. Drp ball shear BRS. OWU to test tnk. 5:00pm. 32/64 ck.

SICP 1120psig, FTP 350-400 psig. F. 0 BO, 605 BLW, 32/64" ck., 11 hrs.  
Rets of N2, gas, wtr, 605 BLWTR.  
LND TBG

7/5/2008 ===== Wild Horse Bench 05-05H =====  
SICP 890psig, FTP 350-370 psig. F. 0 BO, 226 BLW, 24/64" ck., 24 hrs.  
Rets of N2, gas, wtr, 379 BLWTR  
1531 BLWTR

7/6/2008 ===== Wild Horse Bench 05-05H =====  
SICP 860 psig, FTP 350-420 psig. F. 0 BO, 124 BLW, 20/64" ck., 24 hrs.  
Rets of N2, gas, wtr, 255 BLWTR  
255 BLWTR

7/7/2008 ===== Wild Horse Bench 05-05H =====  
FTP 450 psig, SICP 1020 psig, F. 0 BO, 1247 BLW, FTP 450 - 660 psig, SICP 1020 - 1010 psig, 18/64" ck., 24 hrs. Rets of N2, gas, wtr, 0 BLWTR GAS  
TESTER TODAY NOON.  
0 BLWTR

7/7/2008 ===== Wild Horse Bench 05-05H =====  
SICP 850 psig, FTP 420-460 psig. F. 0 BO, 167 BLW, 20/64" ck., 24 hrs.  
Rets of N2, gas, wtr, 88 BLWTR GAS TESTER TODAY NOON.  
88 BLWTR

7/8/2008 ===== Wild Horse Bench 05-05H =====  
FTP 660 psig, SICP 1100 psig. F. 0 BO, 85 BLW, FTP 660 - 700 psig, SICP 1100 - 1500 psig. 18/64" ck., 12 hrs. Rets of N2, gas, wtr, 0 BLWTR GAS  
TESTSHOWED N2 LESS THAN 8% . SWI WO surface equipment.  
WAIT ON SURFACE EQUIPMENT

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-39223
2. NAME OF OPERATOR: XTO ENERGY INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE INDIAN TRIBE
3. ADDRESS OF OPERATOR: 382 CR 3100 CITY AZTEC STATE NM ZIP 87410		7. UNIT or CA AGREEMENT NAME: N/A
PHONE NUMBER: (505) 333-3100		8. WELL NAME and NUMBER: WHB 5-5H
4. LOCATION OF WELL FOOTAGES AT SURFACE: 959' FNL & 734' FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 5 11S 20E S		9. API NUMBER: 4304739441
		10. FIELD AND POOL, OR WILDCAT: UNDESIGNATED
		COUNTY: UINTAH
		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 8/31/2008	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: AUGUST '08 MONTHLY REPORT
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

XTO Energy has nothing to report on this well for the period of 8/01/2008 thru 8/31/2008.

NAME (PLEASE PRINT) WANETT MCCAULEY

TITLE FILE CLERK

SIGNATURE

DATE

9/3/2008

(This space for State use only)

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SEP 08 2008

DIV. OF OIL, GAS & MINING



STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-39223
2. NAME OF OPERATOR: XTO ENERGY INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE INDIAN TRIBE
3. ADDRESS OF OPERATOR: 382 CR 3100 CITY AZTEC STATE NM ZIP 87410		7. UNIT or CA AGREEMENT NAME: N/A
PHONE NUMBER: (505) 333-3100		8. WELL NAME and NUMBER: WHB 5-5H
4. LOCATION OF WELL FOOTAGES AT SURFACE: 959' FNL & 734' FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 5 11S 20E S		9. API NUMBER: 4304739441
COUNTY: UINTAH		10. FIELD AND POOL, OR WILDCAT: UNDESIGNATED
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 9/30/2008	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: SEPTEMBER '08 MONTHLY REPORT
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

XTO Energy has nothing to report on this well for the period of 9/01/2008 thru 9/30/2008.

NAME (PLEASE PRINT) WANETT MCCAULEY

TITLE FILE CLERK

SIGNATURE

DATE 10/3/2008

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OCT 06 2008

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER \_\_\_\_\_

2. NAME OF OPERATOR:  
XTO ENERGY INC.

3. ADDRESS OF OPERATOR:  
382 CR 3100 CITY AZTEC STATE NM ZIP 87410

PHONE NUMBER:  
(505) 333-3100

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 959' FNL & 734' FWL

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 5 11S 20E S

5. LEASE DESIGNATION AND SERIAL NUMBER:  
UTU-39223

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:  
UTE INDIAN TRIBE

7. UNIT or CA AGREEMENT NAME:  
N/A

8. WELL NAME and NUMBER:  
WHB 5-5H

9. API NUMBER:  
4304739441

10. FIELD AND POOL, OR WILDCAT:  
UNDESIGNATED

COUNTY: UINTAH

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 10/31/2008	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: OCTOBER 08 MONTHLY REPORT
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Attached is XTO Energy's monthly report on this well for the period of 10/01/2008 thru 10/31/2008.

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DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) JENNIFER M. HEMBRY

TITLE FILE CLERK

SIGNATURE

DATE 11/5/2008

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# EXECUTIVE SUMMARY REPORT

10/1/2008 - 10/31/2008  
Report run on 11/4/2008 at 12:11 PM

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Wild Horse Bench 05-05H - Natural Buttes, 05, 11S, 20E, Uintah, Utah, Tim  
Friesenhahn, Roosevelt,

AFE: 716250

Objective: Drill & Complete a gas well

10/28/2008

Compl pre-fabrication of 4" spool for 3" mtr run. Compl 2-3" welds. SDFN.

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____	5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-39223
2. NAME OF OPERATOR: XTO ENERGY INC.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE INDIAN TRIBE
3. ADDRESS OF OPERATOR: 382 CR 3100 CITY AZTEC STATE NM ZIP 87410	7. UNIT or CA AGREEMENT NAME: N/A
PHONE NUMBER: (505) 333-3100	8. WELL NAME and NUMBER: WHB 5-5H
9. API NUMBER: 4304739441	10. FIELD AND POOL, OR WILDCAT: UNDESIGNATED

4. LOCATION OF WELL FOOTAGES AT SURFACE: 959' FNL & 734' FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 5 11S 20E S	COUNTY: UINTAH STATE: UTAH
--	-------------------------------

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/RESUME) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: DECEMBER 08 MONTHLY REPORT
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 11/30/2008			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

XTO Energy Inc. has nothing to report on this well for the period of 11/01/2008 thru 11/30/2008.

NAME (PLEASE PRINT) JENNIFER M. HEMBRY	TITLE REGULATORY CLERK
SIGNATURE <i>Jennifer M. Hembry</i>	DATE 12/5/2008

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DIV. OF OIL, GAS & MINING

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-39223
2. NAME OF OPERATOR: XTO ENERGY INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE INDIAN TRIBE
3. ADDRESS OF OPERATOR: 382 CR 3100 CITY AZTEC STATE NM ZIP 87410		7. UNIT or CA AGREEMENT NAME: N/A
4. LOCATION OF WELL FOOTAGES AT SURFACE: 959' FNL & 734' FWL COUNTY: UINTAH QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 5 11S 20E S STATE: UTAH		8. WELL NAME and NUMBER: WHB 5-5H
PHONE NUMBER: (505) 333-3100		9. API NUMBER: 4304739441
		10. FIELD AND POOL, OR WILDCAT: UNDESIGNATED

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 12/31/2008	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: DECEMBER 08 MONTHLY REPORT
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

XTO Energy Inc. has nothing to report on this well for the period of 12/01/2008 thru 12/31/2008.

NAME (PLEASE PRINT) JENNIFER M. HEMBRY	TITLE REGULATORY CLERK
SIGNATURE <i>Jennifer M. Hembry</i>	DATE 1/5/2009

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JAN 12 2009

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-39223
2. NAME OF OPERATOR: XTO ENERGY INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
3. ADDRESS OF OPERATOR: 382 CR 3100 CITY AZTEC STATE NM ZIP 87410		7. UNIT or CA AGREEMENT NAME: N/A
PHONE NUMBER: (505) 333-3100		8. WELL NAME and NUMBER: WHB 5-5H
4. LOCATION OF WELL FOOTAGES AT SURFACE: 959' FNL x 734' FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 5 11S 20E S		9. API NUMBER: 4304739441
		10. FIELD AND POOL, OR WILDCAT: UNDESIGNATED
		COUNTY: UINTAH
		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
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	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 1/31/2009	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: January 08
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	MONTHLY REPORT

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

XTO Energy Inc. has nothing to report on this well for the period of 1/1/2009 thru 1/31/2009

NAME (PLEASE PRINT) <u>EDEN FINE</u>	TITLE <u>REGULATORY CLERK</u>
SIGNATURE <u>[Signature]</u>	DATE <u>2/6/2009</u>

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RECEIVED  
FEB 10 2009  
DIV. OF OIL, GAS & MINING

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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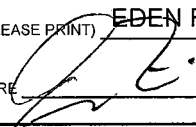
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____	5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-39223
2. NAME OF OPERATOR: XTO ENERGY INC.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
3. ADDRESS OF OPERATOR: 382 CR 3100 CITY AZTEC STATE NM ZIP 87410	7. UNIT or CA AGREEMENT NAME: N/A
PHONE NUMBER: (505) 333-3100	8. WELL NAME and NUMBER: WHB 5-5H
10. FIELD AND POOL, OR WILDCAT: UNDESIGNATED	9. API NUMBER: 4304739441

4. LOCATION OF WELL FOOTAGES AT SURFACE: 959' FNL x 734' FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 5 11S 20E S	COUNTY: UINTAH STATE: UTAH
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11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 1/31/2009	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: February 09
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	MONTHLY REPORT

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

XTO Energy Inc. has nothing to report on this well for the period of 2/1/2009 thru 2/28/2009

NAME (PLEASE PRINT) EDEN FINE	TITLE REGULATORY CLERK
SIGNATURE 	DATE 3/4/2009

(This space for State use only)

RECEIVED  
MAR 09 2009  
DIV. OF OIL, GAS & MINING

RECEIVED

APR 06 2009

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

REGULATORY COMPLIANCE

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

## 1. TYPE OF WELL

OIL WELL ☐GAS WELL ☒

OTHER \_\_\_\_\_

## 2. NAME OF OPERATOR:

XTO ENERGY INC.

## 3. ADDRESS OF OPERATOR:

382 CR 3100

CITY AZTEC

STATE NM

ZIP 87410

## PHONE NUMBER:

(505) 333-3100

## 5. LEASE DESIGNATION AND SERIAL NUMBER:

UTU-39223

## 6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

N/A

## 7. UNIT or CA AGREEMENT NAME:

N/A

## 8. WELL NAME and NUMBER:

WHB 5-5H

## 9. API NUMBER:

4304739441

## 10. FIELD AND POOL, OR WILDCAT:

UNDESIGNATED

## 4. LOCATION OF WELL

FOOTAGES AT SURFACE: 959' FNL x 734' FWL

COUNTY: UINTAH

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 5 11S 20E S

STATE:

UTAH

## 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

## TYPE OF SUBMISSION

## TYPE OF ACTION

NOTICE OF INTENT  
(Submit in Duplicate)

Approximate date work will start:

SUBSEQUENT REPORT  
(Submit Original Form Only)

Date of work completion:

1/31/2009



ACIDIZE



ALTER CASING



CASING REPAIR



CHANGE TO PREVIOUS PLANS



CHANGE TUBING



CHANGE WELL NAME



CHANGE WELL STATUS



COMMINGLE PRODUCING FORMATIONS



CONVERT WELL TYPE



DEEPEN



FRACTURE TREAT



NEW CONSTRUCTION



OPERATOR CHANGE



PLUG AND ABANDON



PLUG BACK



PRODUCTION (START/RESUME)



RECLAMATION OF WELL SITE



RECOMPLETE - DIFFERENT FORMATION



REPERFORATE CURRENT FORMATION



SIDETRACK TO REPAIR WELL



TEMPORARILY ABANDON



TUBING REPAIR



VENT OR FLARE



WATER DISPOSAL



WATER SHUT-OFF



OTHER: March 09

MONTHLY REPORT

## 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

XTO Energy Inc. has nothing to report on this well for the period of 3/1/2009 thru 3/31/2009

NAME (PLEASE PRINT)

EDEN FINE

TITLE

REGULATORY CLERK

SIGNATURE

DATE

4/3/2009

(This space for State use only)

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APR 28 2009

DIV. OF OIL, GAS &amp; MINING



STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-39223
2. NAME OF OPERATOR: XTO ENERGY INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
3. ADDRESS OF OPERATOR: 382 CR 3100 CITY AZTEC STATE NM ZIP 87410		7. UNIT or CA AGREEMENT NAME: N/A
4. LOCATION OF WELL FOOTAGES AT SURFACE: 959' FNL x 734' FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 5 11S 20E S		8. WELL NAME and NUMBER: WHB 5-5H
PHONE NUMBER: (505) 333-3100		9. API NUMBER: 4304739441
COUNTY: UINTAH		10. FIELD AND POOL, OR WILDCAT: UNDESIGNATED
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 4/30/2009	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: APRIL 09
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	MONTHLY REPORT

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

XTO Energy Inc. has nothing to report on this well for the period of 4/1/2009 thru 4/30/2009

NAME (PLEASE PRINT) Kelly Small	TITLE Regulatory Compliance
SIGNATURE <i>Kelly Small</i>	DATE 5/5/2009

(This space for State use only)

RECEIVED

MAY 12 2009

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires: November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.**

***SUBMIT IN TRIPLICATE - Other Instructions on reverse side***

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

XTO Energy, Inc.

3a. Address

978 North Crescent Road, Roosevelt, UT. 84066

3b. Phone No. (include area code)

435-722-4521

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

959' FNL & 734' FWL, NWNW SEC 5, 11S, 20E

5. Lease Serial No.

UTU-39223

6. If Indian, Allottee or Tribe Name

Ute Indian Tribe

7. If Unit or CA/Agreement, Name and/or No.

N/A

8. Well Name and No.

WHB 5-5H

9. API Well No.

43-047-39441

10. Field and Pool, or Exploratory Area

Natural Buttes

11. County or Parish, State

Utah County, Utah

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Acidize ☐ Deepen ☐ Production (Start/Resume)  
☐ Altering Casing ☐ Fracture Treat ☒ Reclamation  
☐ Casing Repair ☐ New Construction ☐ Recomplete  
☐ Change Plans ☐ Plug and Abandon ☐ Temporarily Abandon  
☐ Convert to Injection ☐ Plug Back ☐ Water Disposal

☐ Water Shut-Off  
☐ Well Integrity  
☐ Other

Interim Reclamation

13 Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Reserve pit reclaimed & reseeded on 1/18/2009

RECEIVED

MAY 27 2009

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct  
Name (Printed Typed)

Heather Meek

Title Regulatory Compliance Technician

Signature

Heather Meek

Date

5/26/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

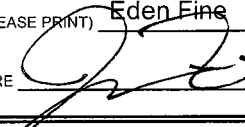
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____	5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-39223
2. NAME OF OPERATOR: XTO ENERGY INC.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
3. ADDRESS OF OPERATOR: 382 CR 3100 CITY AZTEC STATE NM ZIP 87410	7. UNIT or CA AGREEMENT NAME: N/A
PHONE NUMBER: (505) 333-3100	8. WELL NAME and NUMBER: WHB 5-5H
10. FIELD AND POOL, OR WILDCAT: UNDESIGNATED	9. API NUMBER: 4304739441

4. LOCATION OF WELL FOOTAGES AT SURFACE: 959' FNL x 734' FWL COUNTY: UINTAH QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 5 11S 20E S STATE: UTAH
---

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/RESUME) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: May 09 MONTHLY REPORT
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 5/31/2009			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

XTO Energy Inc. has nothing to report on this well for the period of 5/1/2009 thru 5/31/2009

NAME (PLEASE PRINT) Eden Fine	TITLE REGULATORY CLERK
SIGNATURE 	DATE 6/2/2009

(This space for State use only)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**DOGM COPY**

FORM APPROVED  
OMB NO. 1004-0137  
Expires July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**

**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator  
**XTO Energy Inc.**

3a. Address  
**382 CR 3100 Aztec, NM 87410**

3b. Phone No. (include area code)  
**505-333-3100**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**959' FNL & 734' FWL NWNW SEC 5 T11S-R20E**  
**2,000' FNL & 650' FWL SWNW SEC 5 T11S-R20E**

5. Lease Serial No.

**UTU-39223**

6. If Indian, Allottee or Tribe Name

**UTE INDIAN TRIBE**

7. If Unit or CA/Agreement, Name and/or No.  
**N/A**

8. Well Name and No.  
**WHB 5-5H**

9. API Well No.

**43-047-39441**

10. Field and Pool, or Exploratory Area

**NATURAL BUTTES**  
**WASATCH - MESAVERDE**

11. County or Parish, State

**UINTAH**

**UTAH**

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- |   |   |  |   |
|---|---|--|---|
| <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen           | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off                       |
| <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Fracture Treat   | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity                       |
| <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete                | <input checked="" type="checkbox"/> Other <b>1ST DELIVERY</b> |
| <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       |   |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back        | <input type="checkbox"/> Water Disposal            |   |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

**XTO Energy Inc. first delivered this well to UBFS @ 1000 hours on Tuesday, 6/9/2009.**

**IFR 1,300 MCFPD.**

**XTO Allocation Meter # RS1538RF.**

**RECEIVED**

**JUN 10 2009**

**DIV. OF OIL, GAS & MINING**

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

**BARBARA A. NICOL**

Title **REGULATORY CLERK**

Signature

*Barbara A. Nicol*

Date **6/10/2009**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**DOGM COPY**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

DOGM COPY

FORM APPROVED  
OMB NO. 1004-0137  
Expires July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5. Lease Serial No. <b>UTU-39223</b>	
b. Type of Completion: <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr., Other		6. If Indian, Allottee or Tribe Name <b>UTE INDIAN TRIBE</b>	
2. Name of Operator <b>XTO Energy Inc.</b>		7. Unit or CA Agreement Name and No. <b>N/A</b>	
3. Address <b>382 CR 3100 Aztec, NM 87410</b>		8. Lease Name and Well No. <b>WHB 5-5H</b>	
3a. Phone No. (include area code) <b>505-333-3100</b>		9. API Well No. <b>43-047-39441</b>	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface <b>959' FNL &amp; 734' FWL</b> At top prod. interval reported below At total depth <b>2250' FNL &amp; 647' FWL SWNW 5-11S-20E</b>		10. Field and Pool, or Exploratory <b>NATURAL BUTTES</b>	
11. Sec., T., R., M., or Block and Survey or Area <b>NWNW SEC 5-T11S-R20E</b>		12. County or Parish <b>UTAH</b>	
13. State <b>UTAH</b>		17. Elevations (DF, RKB, RT, GL)* <b>5,422' GL</b>	
14. Date Spudded <b>2/29/2008</b>	15. Date T.D. Reached <b>4/17/2008</b>	16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. <b>6/9/2009</b>	
18. Total Depth: MD TVD <b>9,339'</b>	19. Plug Back T.D.: MD TVD <b>8,895'</b>	20. Depth Bridge Plug Set: MD TVD <b>9,840'</b>	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) <b>CBL/GR/CCL; CZ-D/CNL/GR; DL/GR; DL/CZ-D/CNL/GR; DS</b>		22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)	

Hole Size	Size/Grade	Wt. (#ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
26"	20/A53B	52.78#	0	60'		63 Redimix		SURF	
12-1/4"	9.6/J-55	36#	16.5'	2,272'		470 Premium		SURF	
7-7/8"	5.5/I-80	17#	16.5'	9,316'		1900 Premium		716'	

## 24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-3/8"	9,101'							

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WASATCH-MESAVERDE	6,348'	9,250'	6,348' - 9,250'	0.41"	135	OPEN
B)						
C)						
D)						

## 26. Perforation Record

## 27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
6,348' - 9,250'	A. w/4,400 gals of 7-1/2% NEFE HCL acid. Frac'd w/177,434 gals wtr, 60Q-70Q N2 foam gelled fld (Delta-R 17 Foam Frac), 2% KCl wtr carrying 355,699# Premium White 20/40 sd, coated w/Expedite Lite.

## 28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
6/9/2009	6/10/2009	24	→	20	269	24			FLOWING
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
16/64"	890	2,050	→	20	269	24		PRODUCING	

## 28a. Production-Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
			→						

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## 28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. →	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

## 28c. Production-Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. →	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

TO BE SOLD

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries

## 31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				GREEN RIVER	986
				MAHOGENY BENCH	1,767
				WASATCH TONGUE	3,860
				UTELAND LIMESTONE	4,211
				WASATCH	4,354
				CHAPITA WELLS	5,196
				UTELAND BUTTE	6,405
				MESAVERDE	7,209

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd)
 ☐ Geologic Report
 ☐ DST Report
 ☐ Directional Survey
- ☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) BARBARA A. NICOLTitle REGULATORY CLERK

Signature

Barbara A. NicolDate 6/12/2009

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



**Weatherford<sup>®</sup>**

## **Drilling Services**

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## **Completion**

---

## **XTO ENERGY**

Uintah County, Utah

---

Prepared by: TRACY WILLIAMS  
Well: WHP5-5H  
Submitted: April 29, 2008

---

**Weatherford International Ltd.**  
2000 Oil Drive  
Casper, Wyoming 82604  
+1.307.265.1413 Main  
+1.307.235.3958 Fax  
[www.weatherford.com](http://www.weatherford.com)



**WHB 5-5H**  
**959' FNL, 734' FWL**  
**SEC. 5, T11S, R20W**



**FIELD DETAILS**  
 UTAH COUNTY, UT

Geodetic System: US State Plane Coordinate System 1983  
 Ellipsoid: GRS 1980  
 Zone: Utah, Northern Zone  
 Magnetic Model: bggm2007  
 System Datum: Mean Sea Level  
 Local North: True North

**SECTION DETAILS**

There are no section details

**Survey: Survey #1 (WHP 5-5H/1)**

No	MD	Inc	Az	TVD	+N/-S	+E/-W	DLeg	TFace	VSec
83	2891.0	23.25	182.58	2783.6	-693.0	-36.1	2.33	-44.90	693.9

**WELL DETAILS**

Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
WHP 5-5H	0.00	0.00	3125867.63	2142954.39	39°53'37.619N	109°42'33.648W	N/A

**TARGET DETAILS**

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
PBHL 5-5H	9150.00	-1041.81	-99.03	39°53'27.326N	109°42'34.918W	Circle (Radius: 50)

**CASING DETAILS**

No.	TVD	MD	Name	Size
-----	-----	----	------	------

Casing interpolation failed. Make sure that you have a plan or survey open or that there is a definitive path.

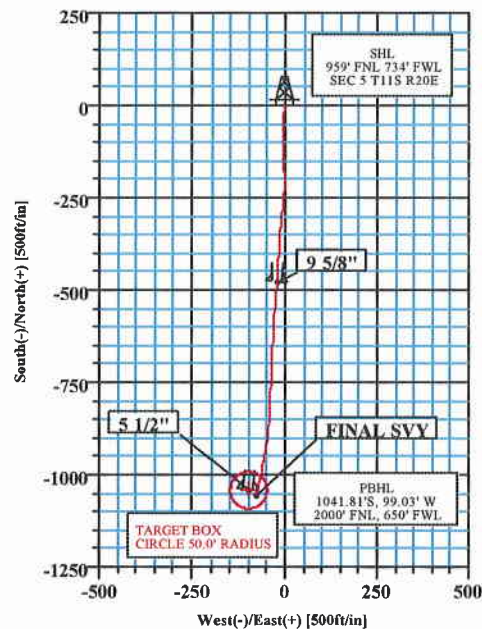
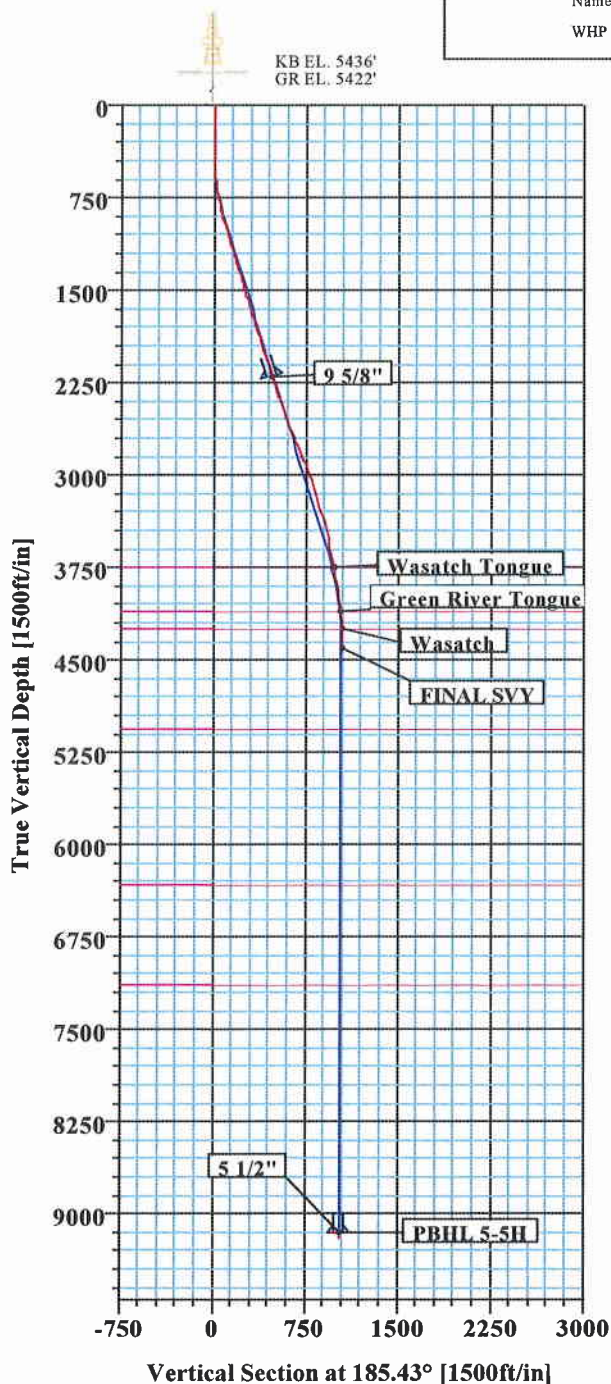


Azimuths to True North  
 Magnetic North: 11.59°  
 Magnetic Field  
 Strength: 32601nT  
 Dip Angle: 65.83°  
 Date: 3/4/2008  
 Model: bggm2007

**SITE DETAILS**

WHP 5-5H  
 SEC 5, T11S, R20E  
 959' FNL 734' FWL  
 Site Centre Northing: 3125867.63  
 Easting: 2142954.39  
 Ground Level: 5422.00  
 Positional Uncertainty: 0.00  
 Convergence: 1.18

**TOTAL CORRECTION TO TRUE NORTH 11.59**



Survey: Survey #1 (WHP 5-5H/1)

Created By: Tracy R. Williams

Date: 4/29/2008



# Weatherford International Ltd.

## Survey Report



**Weatherford**

<b>Company:</b> XTO ENERGY	<b>Date:</b> 4/29/2008	<b>Time:</b> 16:31:01	<b>Page:</b> 1
<b>Field:</b> UINTAH COUNTY, UT	<b>Co-ordinate(NE) Reference:</b> Site: WHP 5-5H, True North		
<b>Site:</b> WHP 5-5H	<b>Vertical (TVD) Reference:</b> SITE 5436.0		
<b>Well:</b> WHP 5-5H	<b>Section (VS) Reference:</b> Well (0.00N,0.00E,184.12Azi)		
<b>Wellpath:</b> 1	<b>Survey Calculation Method:</b> Minimum Curvature <b>Db:</b> Sybase		

<b>Field:</b> UINTAH COUNTY, UT	
<b>Map System:</b> JS State Plane Coordinate System 1983	<b>Map Zone:</b> Utah, Northern Zone
<b>Geo Datum:</b> GRS 1980	<b>Coordinate System:</b> Site Centre
<b>Sys Datum:</b> Mean Sea Level	<b>Geomagnetic Model:</b> bggm2007

<b>Site:</b> WHP 5-5H SEC 5,T11S,R20E 959' FNL 734' FWL	
<b>Site Position:</b>	<b>Northing:</b> 3125867.63 ft <b>Latitude:</b> 39 53 37.619 N
<b>From:</b> Map	<b>Easting:</b> 2142954.39 ft <b>Longitude:</b> 109 42 33.648 W
<b>Position Uncertainty:</b> 0.00 ft	<b>North Reference:</b> True
<b>Ground Level:</b> 5422.00 ft	<b>Grid Convergence:</b> 1.18 deg

<b>Well:</b> WHP 5-5H		<b>Slot Name:</b>	
<b>Well Position:</b> +N/-S 0.00 ft	<b>Northing:</b> 3125867.63 ft	<b>Latitude:</b> 39 53 37.619 N	
+E/-W 0.00 ft	<b>Easting:</b> 2142954.39 ft	<b>Longitude:</b> 109 42 33.648 W	
<b>Position Uncertainty:</b> 0.00 ft			

<b>Wellpath:</b> 1		<b>Drilled From:</b> Surface	
<b>Current Datum:</b> SITE	<b>Height:</b> 5436.00 ft	<b>Tie-on Depth:</b> 0.00 ft	
<b>Magnetic Data:</b> 3/4/2008		<b>Above System Datum:</b> Mean Sea Level	
<b>Field Strength:</b> 52601 nT		<b>Declination:</b> 11.59 deg	
<b>Vertical Section: Depth From (TVD)</b>	<b>+N/-S</b>	<b>Mag Dip Angle:</b> 65.83 deg	
ft	ft	<b>+E/-W</b>	<b>Direction</b>
		ft	deg
0.00	0.00	0.00	184.12

<b>Survey:</b> Survey #1	<b>Start Date:</b> 4/4/2008
<b>Company:</b> Weatherford International, Ltd	<b>Engineer:</b> BRET WOLFORD
<b>Tool:</b> MWD;MWD - Standard	<b>Tied-to:</b> From Surface

**Survey:** Survey #1

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
0.00	0.00	185.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	MWD
186.00	0.36	230.54	186.00	-0.37	-0.45	0.40	0.19	0.19	0.00	MWD
217.00	0.88	305.83	217.00	-0.29	-0.72	0.34	2.78	1.68	242.87	MWD
248.00	0.19	218.83	248.00	-0.19	-0.94	0.26	2.87	-2.23	-280.65	MWD
279.00	0.25	228.71	279.00	-0.28	-1.03	0.35	0.23	0.19	31.87	MWD
310.00	0.38	194.58	310.00	-0.42	-1.10	0.50	0.72	0.42	-110.10	MWD
341.00	0.69	179.83	340.99	-0.71	-1.13	0.79	1.09	1.00	-47.58	MWD
372.00	0.75	185.46	371.99	-1.10	-1.15	1.18	0.30	0.19	18.16	MWD
403.00	1.31	180.21	402.99	-1.65	-1.17	1.73	1.83	1.81	-16.94	MWD
434.00	1.81	182.83	433.97	-2.50	-1.19	2.58	1.63	1.61	8.45	MWD
464.00	2.56	187.08	463.95	-3.64	-1.30	3.72	2.56	2.50	14.17	MWD
495.00	3.13	184.33	494.91	-5.17	-1.45	5.26	1.89	1.84	-8.87	MWD
526.00	3.88	185.21	525.86	-7.06	-1.61	7.15	2.43	2.42	2.84	MWD
556.00	4.81	185.83	555.77	-9.32	-1.83	9.42	3.10	3.10	2.07	MWD
586.00	5.88	186.21	585.64	-12.10	-2.12	12.22	3.57	3.57	1.27	MWD
617.00	7.13	185.58	616.44	-15.59	-2.48	15.73	4.04	4.03	-2.03	MWD
648.00	8.50	184.96	647.15	-19.79	-2.87	19.94	4.43	4.42	-2.00	MWD
678.00	9.50	183.33	676.78	-24.47	-3.20	24.63	3.44	3.33	-5.43	MWD
709.00	10.44	182.33	707.31	-29.83	-3.47	30.00	3.08	3.03	-3.23	MWD
740.00	11.19	182.33	737.76	-35.64	-3.70	35.81	2.42	2.42	0.00	MWD
770.00	11.69	182.33	767.16	-41.59	-3.94	41.76	1.67	1.67	0.00	MWD
802.00	12.29	183.36	798.47	-48.22	-4.27	48.41	1.99	1.87	3.22	MWD
832.00	12.81	183.71	827.75	-54.73	-4.68	54.93	1.75	1.73	1.17	MWD
863.00	13.50	182.83	857.94	-61.77	-5.08	61.98	2.32	2.23	-2.84	MWD

# Weatherford International Ltd.

## Survey Report



**Weatherford**

Company: XTO ENERGY  
Field: UTAH COUNTY, UT  
Site: WHP 5-5H  
Well: WHP 5-5H  
Wellpath: 1

Date: 4/29/2008 Time: 16:31:01 Page: 2  
Co-ordinate(NE) Reference: Site: WHP 5-5H, True North  
Vertical (TVD) Reference: SITE 5436.0  
Section (VS) Reference: Well (0.00N,0.00E,184.12Azi)  
Survey Calculation Method: Minimum Curvature Db: Sybase

Survey: Survey #1

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
893.00	14.38	182.58	887.05	-68.99	-5.42	69.20	2.94	2.93	-0.83	MWD
924.00	15.06	183.21	917.03	-76.86	-5.82	77.08	2.25	2.19	2.03	MWD
954.00	16.19	184.58	945.93	-84.92	-6.37	85.16	3.96	3.77	4.57	MWD
985.00	16.81	181.33	975.65	-93.71	-6.82	93.96	3.59	2.00	-10.48	MWD
1016.00	17.06	180.33	1005.31	-102.74	-6.95	102.97	1.24	0.81	-3.23	MWD
1047.00	17.38	179.08	1034.92	-111.92	-6.90	112.12	1.58	1.03	-4.03	MWD
1078.00	17.38	177.46	1064.50	-121.17	-6.62	121.33	1.56	0.00	-5.23	MWD
1109.00	17.25	177.08	1094.10	-130.39	-6.18	130.49	0.56	-0.42	-1.23	MWD
1139.00	17.31	176.08	1122.74	-139.28	-5.65	139.33	1.01	0.20	-3.33	MWD
1170.00	17.00	174.71	1152.36	-148.40	-4.92	148.37	1.64	-1.00	-4.42	MWD
1201.00	16.88	175.21	1182.02	-157.39	-4.12	157.28	0.61	-0.39	1.61	MWD
1233.00	16.50	175.46	1212.67	-166.55	-3.38	166.36	1.21	-1.19	0.78	MWD
1264.00	16.69	176.21	1242.38	-175.38	-2.73	175.13	0.92	0.61	2.42	MWD
1296.00	16.56	177.33	1273.04	-184.52	-2.22	184.21	1.08	-0.41	3.50	MWD
1327.00	16.50	178.33	1302.76	-193.34	-1.88	192.97	0.94	-0.19	3.23	MWD
1359.00	16.88	179.08	1333.41	-202.52	-1.68	202.12	1.36	1.19	2.34	MWD
1390.00	16.38	180.83	1363.11	-211.39	-1.67	210.97	2.28	-1.61	5.65	MWD
1420.00	16.69	181.58	1391.87	-219.93	-1.85	219.50	1.25	1.03	2.50	MWD
1450.00	16.94	182.96	1420.59	-228.60	-2.19	228.17	1.57	0.83	4.60	MWD
1481.00	16.44	184.71	1450.29	-237.48	-2.79	237.07	2.29	-1.61	5.65	MWD
1510.00	16.56	185.96	1478.09	-245.68	-3.55	245.31	1.29	0.41	4.31	MWD
1541.00	16.75	186.58	1507.79	-254.52	-4.52	254.18	0.84	0.61	2.00	MWD
1573.00	17.06	186.71	1538.41	-263.76	-5.60	263.48	0.98	0.97	0.41	MWD
1603.00	17.06	185.71	1567.09	-272.51	-6.55	272.27	0.98	0.00	-3.33	MWD
1635.00	17.63	185.21	1597.63	-282.00	-7.46	281.81	1.84	1.78	-1.56	MWD
1666.00	17.38	186.71	1627.20	-291.28	-8.43	291.13	1.66	-0.81	4.84	MWD
1698.00	17.38	185.58	1657.74	-300.78	-9.45	300.68	1.05	0.00	-3.53	MWD
1728.00	17.44	186.58	1686.36	-309.71	-10.40	309.65	1.02	0.20	3.33	MWD
1760.00	17.56	186.08	1716.88	-319.27	-11.46	319.27	0.60	0.37	-1.56	MWD
1791.00	17.56	185.71	1746.44	-328.57	-12.42	328.62	0.36	0.00	-1.19	MWD
1822.00	17.63	184.83	1775.99	-337.90	-13.28	337.99	0.89	0.23	-2.84	MWD
1851.00	17.88	185.21	1803.61	-346.71	-14.05	346.83	0.95	0.86	1.31	MWD
1882.00	18.00	184.83	1833.10	-356.23	-14.89	356.38	0.54	0.39	-1.23	MWD
1913.00	18.44	184.96	1862.54	-365.88	-15.72	366.07	1.43	1.42	0.42	MWD
1943.00	18.31	184.96	1891.01	-375.30	-16.54	375.52	0.43	-0.43	0.00	MWD
1975.00	18.13	183.96	1921.41	-385.28	-17.31	385.53	1.13	-0.56	-3.12	MWD
2006.00	18.63	182.21	1950.83	-395.04	-17.84	395.30	2.40	1.61	-5.65	MWD
2036.00	18.81	181.46	1979.24	-404.66	-18.15	404.92	1.00	0.60	-2.50	MWD
2067.00	18.81	181.83	2008.59	-414.65	-18.43	414.91	0.38	0.00	1.19	MWD
2098.00	18.44	182.83	2037.96	-424.55	-18.83	424.80	1.58	-1.19	3.23	MWD
2130.00	18.88	183.08	2068.28	-434.77	-19.36	435.04	1.40	1.37	0.78	MWD
2161.00	18.63	184.46	2097.63	-444.72	-20.02	445.00	1.64	-0.81	4.45	MWD
2190.00	18.38	184.83	2125.14	-453.89	-20.76	454.21	0.95	-0.86	1.28	MWD
2221.00	18.44	184.33	2154.55	-463.65	-21.54	464.00	0.54	0.19	-1.61	MWD
2235.00	18.21	183.90	2167.84	-468.04	-21.86	468.40	1.91	-1.64	-3.07	MWD
2268.83	17.92	182.95	2200.00	-478.51	-22.49	478.89	1.22	-0.86	-2.81	9 5/8"
2303.00	17.63	181.96	2232.54	-488.93	-22.93	489.32	1.22	-0.85	-2.90	MWD
2364.00	17.88	184.21	2290.64	-507.50	-23.94	507.91	1.20	0.41	3.69	MWD
2428.00	19.19	184.21	2351.31	-527.79	-25.43	528.26	2.05	2.05	0.00	MWD
2491.00	19.94	184.96	2410.68	-548.82	-27.12	549.35	1.26	1.19	1.19	MWD
2551.00	20.63	185.08	2466.95	-569.54	-28.94	570.15	1.15	1.15	0.20	MWD
2582.00	21.13	184.71	2495.92	-580.55	-29.88	581.20	1.67	1.61	-1.19	MWD
2612.00	20.38	182.83	2523.97	-591.16	-30.59	591.83	3.34	-2.50	-6.27	MWD

# Weatherford International Ltd.

## Survey Report



**Weatherford**

Company: XTO ENERGY  
Field: UTAH COUNTY, UT  
Site: WHP 5-5H  
Well: WHP 5-5H  
Wellpath: 1

Date: 4/29/2008 Time: 16:31:01 Page: 3  
Co-ordinate(NE) Reference: Site: WHP 5-5H, True North  
Vertical (TVD) Reference: SITE 5436.0  
Section (VS) Reference: Well (0.00N,0.00E,184.12Azi)  
Survey Calculation Method: Minimum Curvature Db: Sybase

### Survey: Survey #1

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
2643.00	20.38	182.58	2553.03	-601.94	-31.09	602.62	0.28	0.00	-0.81	MWD
2706.00	20.88	182.83	2611.99	-624.11	-32.14	624.81	0.81	0.79	0.40	MWD
2738.00	21.13	182.83	2641.87	-635.57	-32.71	636.28	0.78	0.78	0.00	MWD
2800.00	22.00	183.71	2699.52	-658.32	-34.01	659.06	1.50	1.40	1.42	MWD
2831.00	21.94	183.46	2728.27	-669.89	-34.74	670.66	0.36	-0.19	-0.81	MWD
2861.00	22.75	183.83	2756.02	-681.28	-35.46	682.06	2.74	2.70	1.23	MWD
2891.00	23.25	182.58	2783.64	-692.98	-36.12	693.78	2.33	1.67	-4.17	MWD
2983.00	23.06	182.58	2868.22	-729.12	-37.75	729.95	0.21	-0.21	0.00	MWD
3045.00	21.63	182.71	2925.57	-752.66	-38.83	753.51	2.31	-2.31	0.21	MWD
3106.00	21.75	183.71	2982.25	-775.17	-40.10	776.05	0.64	0.20	1.64	MWD
3168.00	19.81	184.71	3040.21	-797.11	-41.70	798.05	3.18	-3.13	1.61	MWD
3232.00	18.81	181.74	3100.61	-818.23	-42.91	819.20	2.19	-1.56	-4.64	MWD
3292.00	17.63	180.83	3157.60	-836.99	-43.33	837.94	2.02	-1.97	-1.52	MWD
3355.00	17.25	182.21	3217.71	-855.86	-43.83	856.80	0.89	-0.60	2.19	MWD
3416.00	16.69	184.58	3276.05	-873.63	-44.88	874.60	1.46	-0.92	3.89	MWD
3477.00	15.13	186.96	3334.72	-890.26	-46.54	891.31	2.77	-2.56	3.90	MWD
3541.00	14.75	189.96	3396.55	-906.58	-48.96	907.75	1.35	-0.59	4.69	MWD
3602.00	14.75	188.21	3455.54	-921.91	-51.42	923.23	0.73	0.00	-2.87	MWD
3664.00	13.56	190.46	3515.66	-936.87	-53.86	938.32	2.11	-1.92	3.63	MWD
3727.00	11.75	189.71	3577.13	-950.46	-56.28	952.05	2.88	-2.87	-1.19	MWD
3789.00	10.88	190.46	3637.92	-962.44	-58.41	964.15	1.42	-1.40	1.21	MWD
3852.00	10.81	189.46	3699.80	-974.11	-60.46	975.94	0.32	-0.11	-1.59	MWD
3909.29	11.51	189.81	3756.00	-985.04	-62.32	986.98	1.24	1.23	0.61	Wasatch Tongue
3913.00	11.56	189.83	3759.64	-985.78	-62.45	987.72	1.24	1.23	0.57	MWD
3974.00	10.94	192.96	3819.46	-997.44	-64.79	999.52	1.43	-1.02	5.13	MWD
4036.00	9.75	191.46	3880.46	-1008.32	-67.15	1010.54	1.97	-1.92	-2.42	MWD
4097.00	8.69	192.33	3940.67	-1017.88	-69.16	1020.22	1.75	-1.74	1.43	MWD
4159.00	7.56	192.96	4002.04	-1026.43	-71.08	1028.89	1.83	-1.82	1.02	MWD
4220.00	6.75	195.83	4062.57	-1033.79	-72.95	1036.36	1.45	-1.33	4.70	MWD
4258.68	6.16	195.54	4101.00	-1037.98	-74.13	1040.62	1.52	-1.52	-0.76	Green River Tongue
4282.00	5.81	195.33	4124.20	-1040.33	-74.78	1043.01	1.52	-1.52	-0.88	MWD
4343.00	4.88	191.58	4184.93	-1045.84	-76.11	1048.61	1.63	-1.52	-6.15	MWD
4404.00	3.44	190.96	4245.77	-1050.18	-76.98	1053.00	2.36	-2.36	-1.02	MWD
4404.23	3.44	190.96	4246.00	-1050.20	-76.99	1053.01	0.00	0.00	0.00	Wasatch
4500.00	1.88	157.83	4341.67	-1054.47	-76.94	1057.27	2.22	-1.63	-34.59	MWD
4561.00	2.07	151.97	4402.63	-1056.37	-76.04	1059.10	0.45	0.31	-9.61	FINAL SVY

### Targets

Name	Description Dip.	Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	<---- Latitude ----><---- Longitude ---->		
PBHL 5-5H -Circle (Radius: 50)			9150.00	-1041.81	-99.03	3124824.002142876.85		39	53	27.326 N 109 42 34.918 W

### Casing Points

MD ft	TVD ft	Diameter in	Hole Size in	Name
2268.83	2200.00	9.625	12.250	9 5/8"
	9150.00	5.500	6.000	5 1/2"

# Weatherford International Ltd.

## Survey Report

**Weatherford**

Company: XTO ENERGY  
Field: UINTAH COUNTY, UT  
Site: WHP 5-5H  
Well: WHP 5-5H  
Wellpath: 1

Date: 4/29/2008 Time: 16:31:01 Page: 4  
Co-ordinate(NE) Reference: Site: WHP 5-5H, True North  
Vertical (TVD) Reference: SITE 5436.0  
Section (VS) Reference: Well (0.00N,0.00E,184.12Azi)  
Survey Calculation Method: Minimum Curvature Db: Sybase

### Formations

MD ft	TVD ft	Formations	Lithology	Dip Angle deg	Dip Direction deg
3909.29	3756.00	Wasatch Tongue		0.00	0.00
4258.68	4101.00	Green River Tongue		0.00	0.00
4404.23	4246.00	Wasatch		0.00	0.00
	0.00	Chapita Wells		0.00	0.00
	0.00	Uteland Buttes		0.00	0.00
	0.00	Mesaverde		0.00	0.00

### Annotation

MD ft	TVD ft	
4561.00	4402.63	FINAL SVY



## Baker Atlas

FILE NO:  
1505

API NO:  
43-047-39441 ✓

COMPANY  
WELL  
FIELD  
COUNTY

XTO ENERGY INC.  
WILD HORSE BENCH #5-5H  
NATURAL BUTTES  
UINTAH STATE UTAH

Ver. 3.87

LOCATION:

959' FNL & 734' FWL ✓

hwnw

SEC 5 ✓ TWP 11S ✓ RGE 20E ✓

OTHER SERVICES  
DLL/ZDL/CN/GR

PERMANENT DATUM  
LOG MEASURED FROM  
DRILL. MEAS. FROM

GL ELEVATION 5422 FT  
KB 16.5 FT ABOVE P.D.  
KB

ELEVATIONS:  
KB 5438.5 FT  
DF  
GL 5422 FT

DATE	15-Apr-2008		
RUN	TRIP	1	1
SERVICE ORDER	547539		
DEPTH DRILLER	9339 FT		
DEPTH LOGGER	9336 FT		
BOTTOM LOGGED INTERVAL	9323 FT		
TOP LOGGED INTERVAL	0 FT		
CASING DRILLER	9.625 IN	@2272 FT	
CASING LOGGER	2268 FT		
BIT SIZE	7.875 IN		
TYPE OF FLUID IN HOLE	KCL		
DENSITY	VISCOSITY	10 LB/G	44 S
PH	FLUID LOSS	10.5	8.4 C3
SOURCE OF SAMPLE	FLOWLINE		
RM AT MEAS. TEMP.	.129 OHMM	@53.86 DEGF	@
RMF AT MEAS. TEMP.	.108 OHMM	@54 DEGF	@
RMC AT MEAS. TEMP.	.153 OHMM	@54 DEGF	@
SOURCE OF RMF	RMC	MEASURED	MEASURED
RM AT BHT	.11 OHMM	@168.5 DEGF	@
TIME SINCE CIRCULATION	10 HOURS		
MAX. RECORDED TEMP.	168 DEGF		
EQUIP. NO.	LOCATION	HL6690	GRAND JCT.
RECORDED BY	BARNETT		
WITNESSED BY	MR. RICK OMAN		

RECEIVED

JUN 16 2009

DIV. OF OIL, GAS & MINING  
@

IN MAKING INTERPRETATIONS OF LOGS OUR EMPLOYEES WILL GIVE CUSTOMER THE BENEFIT OF THEIR BEST JUDGEMENT. BUT SINCE ALL INTERPRETATIONS ARE OPINIONS BASED ON INFERENCES FROM ELECTRICAL OR OTHER MEASUREMENTS, WE CANNOT, AND WE DO NOT GUARANTEE THE ACCURACY OR CORRECTNESS OF ANY INTERPRETATION. WE SHALL NOT BE LIABLE OR RESPONSIBLE FOR ANY LOSS, COST, DAMAGES, OR EXPENSES WHATSOEVER INCURRED OR SUSTAINED BY THE CUSTOMER RESULTING FROM ANY INTERPRETATION MADE BY ANY OF OUR EMPLOYEES.

## REMARKS

RUN 1 TRIP 1 : MATRIX = SANDSTONE  
RHO M = 2.68 G/CC RHO F = 1.0 G/CC

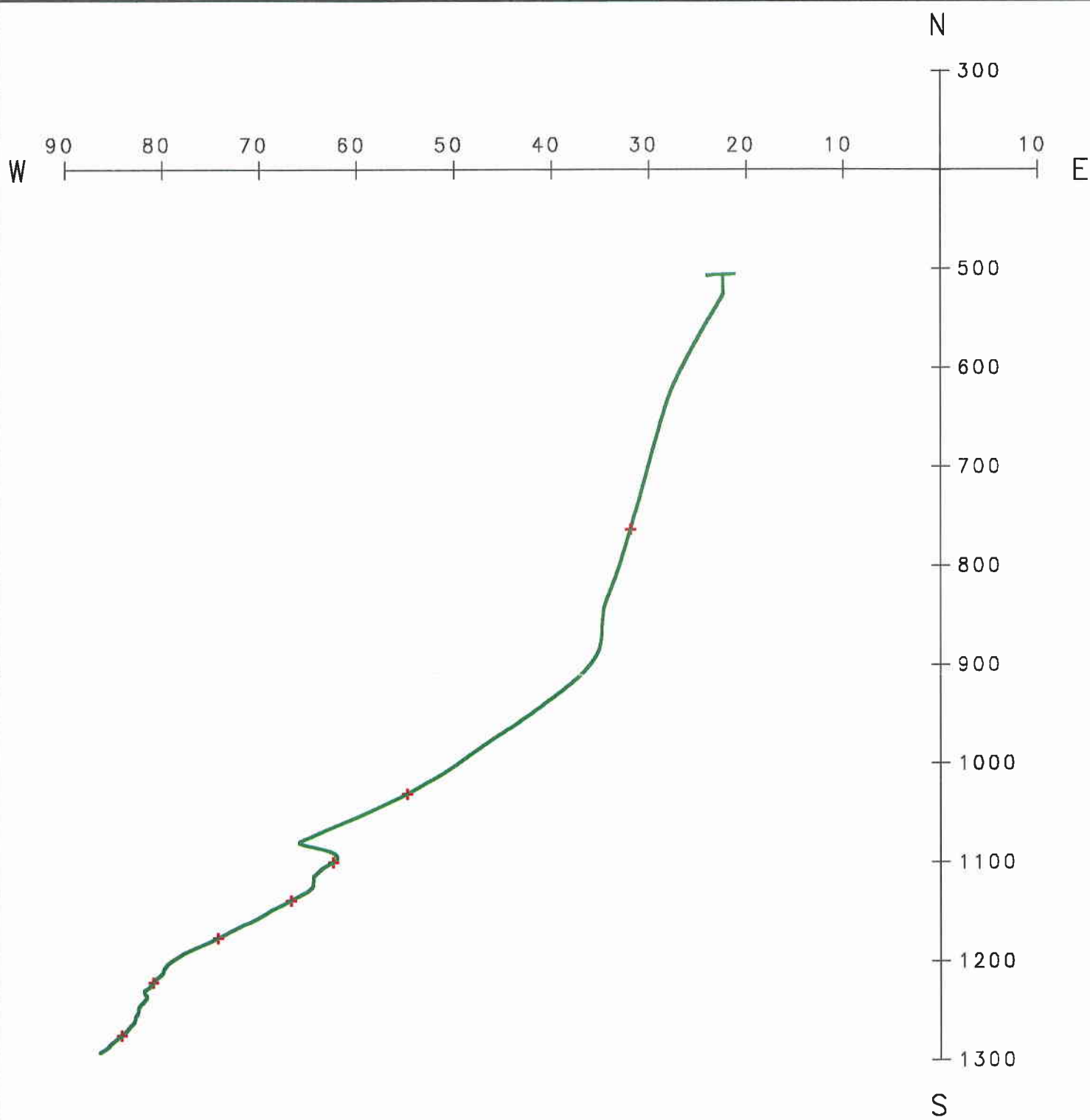
CALIPER VERIFIED IN CASING.  
CEMENT VOLUME CALCULATED USING 5.5" CASING.  
CEMENT AND BOREHOLE VOLUMES (CVOL/BVOL) ARE IN CUBIC FEET.

TOOL STRING RUN SLICK PER COMPANY MAN'S REQUEST.


CREW: DONALDSON/STAMATAKIS/SHAW  
RIG: UNIT 111

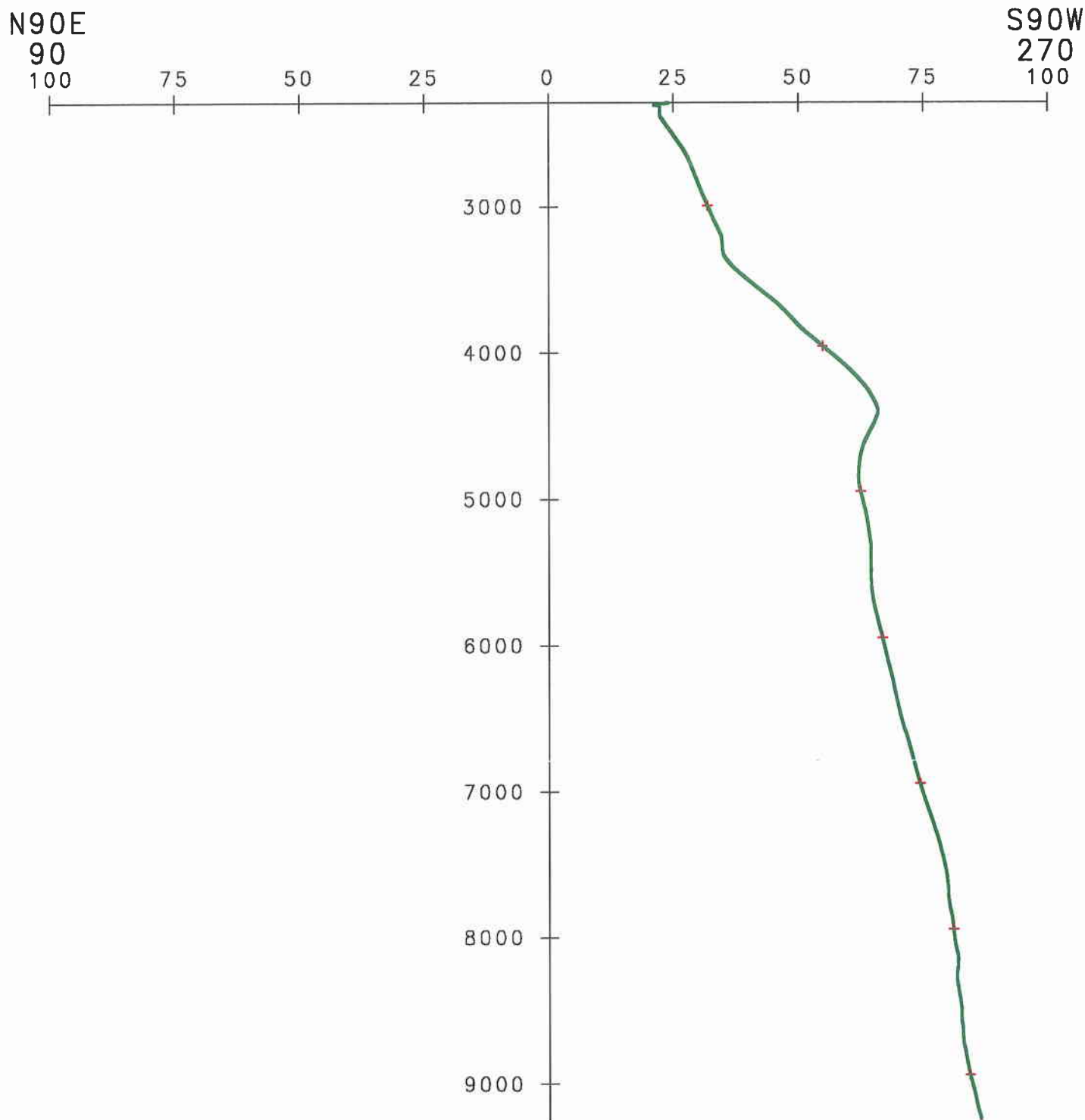
## EQUIPMENT DATA

RUN	TRIP	TOOL	SERIES NO.	SERIAL NO.	POSITION
1	1	ISO SUB	3997XA	334512	FREE
1	1	SWMEL	3944XA	10337612	FREE
1	1	DHPA	4430XA	10161076	FREE
1	1	TIRM	3981XA	10333337	FREE
1	1	TELEMETRY	3514XA	10101610	FREE
1	1	GR	1329XA	10196894	FREE
1	1	CN	2446XA	179969	DECENTRALIZED
1	1	ZDL	2228EA/MA	10162709/10165217	PAD DEVICE
1	1	DBL KNUCKLE	3939XA	10338997	FREE
1	1	ORIT	4401XA	10397162	FREE
1	1	SLAM ADAPT.	3516XA	153435	FREE
1	1	ISO SUB	3967XA	120343	FREE
1	1	DLL	1239EA/MA	10072903/10210391	ECCENTERED



### PLAN VIEW

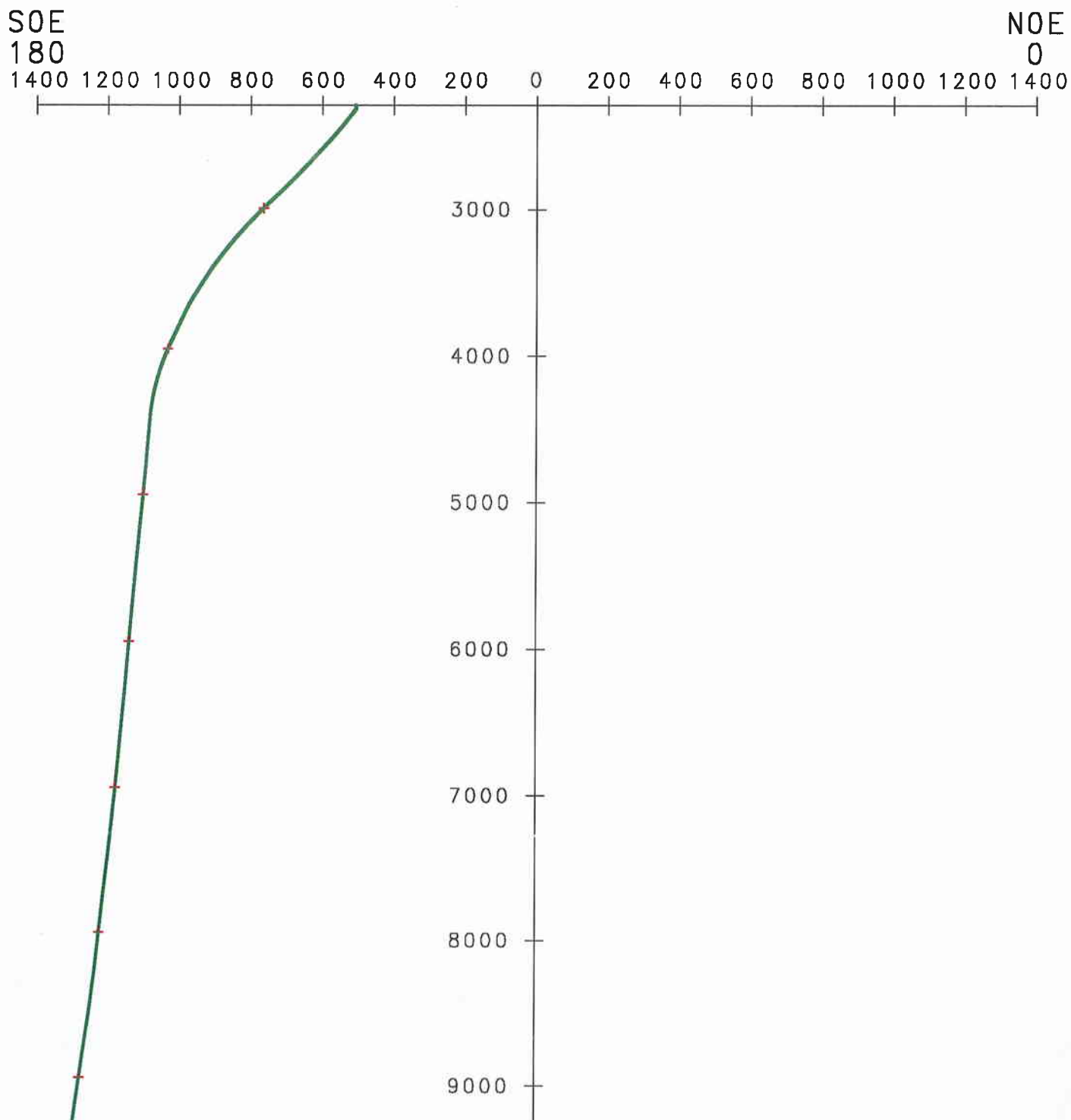
	: WELLBORE COURSE	FINAL EAST-WEST DRIFT	86.54 FT WEST
+	: MEASURED DEPTH TIE-IN	FINAL NORTH-SOUTH DRIFT	1290.88 FT SOUTH
*	: WELLHEAD POSITION	FINAL DRIFT DISTANCE	1293.77 FT
		FINAL DRIFT DIRECTION	S 3.84 W
		DRIFT UNITS	FEET
		DEPTH UNITS	FEET



### SIDE VIEW FROM AZIMUTH 0

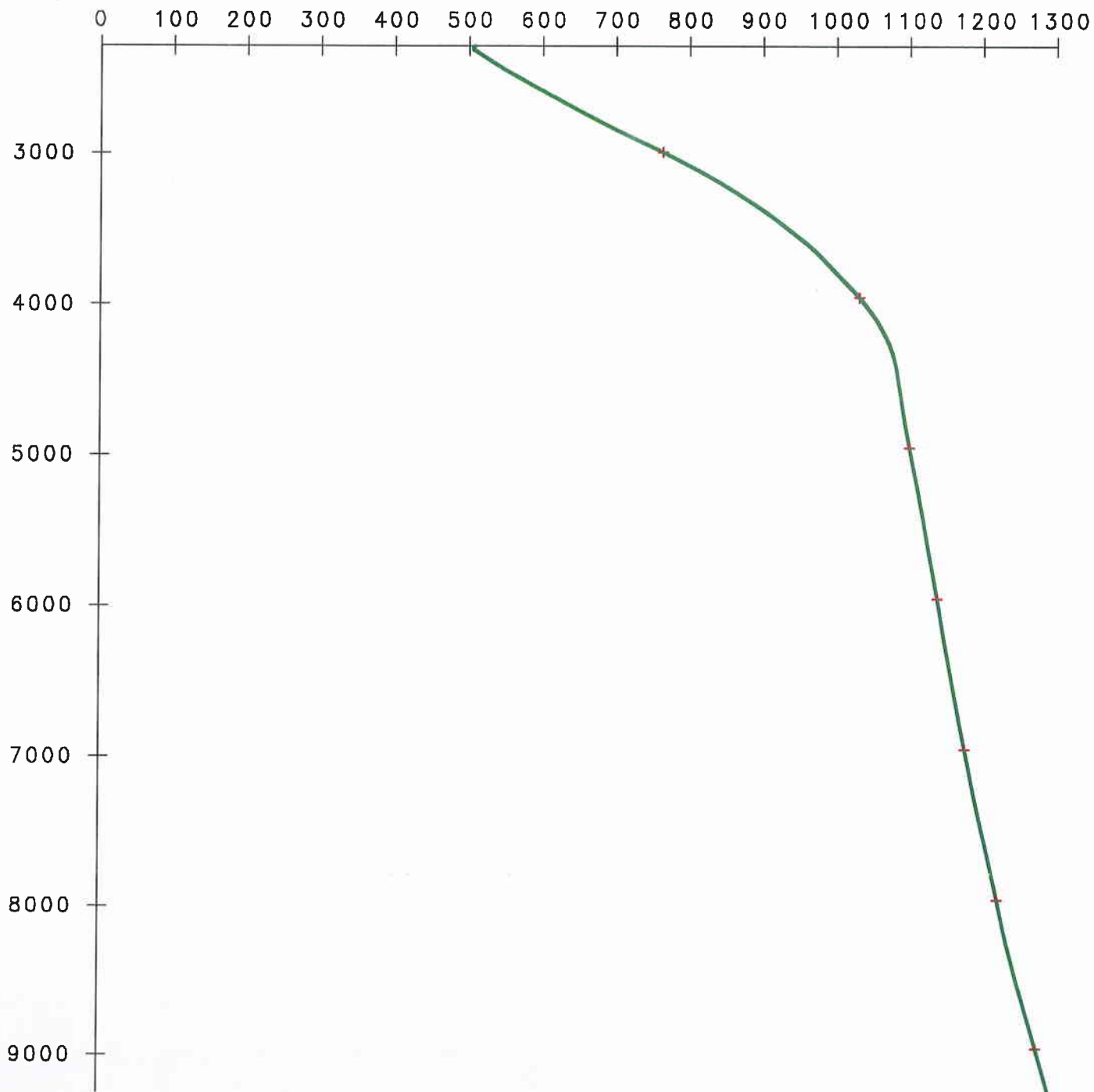
✓ : WELLBORE COURSE	MAX. DRIFT N90E	0.00 FT
+ : MEASURED DEPTH TIE-IN	MAX. DRIFT S90W	86.54 FT
* : WELLHEAD POSITION	BOTTOM TVD THIS INTERVAL	9251.99 FT
	DRIFT UNITS	FEET
	DEPTH UNITS	FEET





### SIDE VIEW FROM AZIMUTH 90

~	: WELLBORE COURSE	MAX. DRIFT SOE	1290.88 FT
+	: MEASURED DEPTH TIE-IN	MAX. DRIFT NOE	0.00 FT
*	: WELLHEAD POSITION	BOTTOM TVD THIS INTERVAL	9251.99 FT
		DRIFT UNITS	FEET
		DEPTH UNITS	FEET



## DEPTH VS. DRIFT

✓ : WELLBORE COURSE	MAX. DRIFT FROM WELLHEAD	1293.77 FT
+ : MEASURED DEPTH TIE-IN	BOTTOM TVD THIS INTERVAL	9251.99 FT
* : WELLHEAD POSITION	DRIFT UNITS	FEET
	DEPTH UNITS	FEET

DEPTH	DEVIATION		T.V.D.	STATION		DRIFT COORDINATES	
	ANGLE	AZIMUTH		N-S	E-W	N-S	E-W
2250.00	18.2	78.4	2290.00	507.50S	23.93W	507.50S	23.93W
2300.00	17.8	180.2	2337.59	5.76S	1.57E	513.26S	22.36W
2350.00	17.9	184.2	2385.21	15.25S	0.12W	528.50S	22.48W
2400.00	18.6	183.2	2432.71	15.58S	0.93W	544.09S	23.41W
2450.00	19.5	183.2	2479.93	16.40S	1.01W	560.49S	24.42W
2500.00	20.1	183.2	2526.96	16.94S	0.97W	577.43S	25.39W
2550.00	20.8	183.1	2573.80	17.47S	0.95W	594.90S	26.34W
2600.00	20.7	182.9	2620.54	17.75S	0.90W	612.65S	27.24W
2650.00	20.6	182.1	2667.34	17.56S	0.76W	630.21S	28.00W
2700.00	21.1	181.6	2714.09	17.74S	0.57W	647.95S	28.57W
2750.00	21.6	181.6	2760.67	18.15S	0.54W	666.10S	29.10W
2800.00	22.1	181.6	2807.07	18.62S	0.55W	684.72S	29.65W
2850.00	22.8	181.5	2853.27	19.11S	0.53W	703.83S	30.19W
2900.00	23.4	181.6	2899.25	19.65S	0.55W	723.48S	30.73W
2950.00	23.8	181.9	2945.02	20.11S	0.59W	743.59S	31.32W
3000.00	22.4	181.5	2991.02	19.59S	0.58W	763.18S	31.90W
3050.00	21.5	181.5	3037.36	18.76S	0.58W	781.94S	32.48W
3100.00	21.7	181.6	3083.85	18.40S	0.58W	800.34S	33.06W
3150.00	20.4	182.3	3130.51	17.95S	0.67W	818.29S	33.73W
3200.00	19.7	182.4	3177.51	17.05S	0.67W	835.33S	34.40W
3250.00	18.8	180.7	3224.77	16.32S	0.34W	851.65S	34.75W
3300.00	17.8	180.0	3272.24	15.69S	0.12W	867.34S	34.87W
3350.00	17.3	181.3	3319.89	15.16S	0.21W	882.50S	35.08W
3400.00	16.9	183.7	3367.62	14.86S	0.80W	897.36S	35.88W
3450.00	15.8	186.3	3415.62	13.94S	1.27W	911.30S	37.15W
3500.00	15.0	187.3	3463.87	13.01S	1.58W	924.31S	38.73W
3550.00	14.9	187.5	3512.21	12.67S	1.70W	936.98S	40.43W
3600.00	14.8	188.2	3560.55	12.65S	1.74W	949.63S	42.18W
3650.00	13.8	189.2	3608.97	12.34S	1.83W	961.97S	44.00W
3700.00	12.1	189.1	3657.72	10.99S	1.74W	972.96S	45.75W
3750.00	11.3	188.1	3706.70	9.92S	1.49W	982.88S	47.24W
3800.00	11.0	188.2	3755.77	9.52S	1.36W	992.40S	48.60W
3850.00	11.1	188.3	3804.84	9.46S	1.34W	1001.86S	49.94W
3900.00	11.4	189.7	3853.89	9.62S	1.50W	1011.48S	51.44W
3950.00	11.1	190.3	3902.90	9.75S	1.76W	1021.23S	53.21W
4000.00	10.5	190.8	3952.02	9.14S	1.66W	1030.37S	54.87W
4050.00	9.2	191.8	4001.30	8.29S	1.75W	1038.66S	56.62W
4100.00	8.8	192.8	4050.69	7.62S	1.69W	1046.28S	58.31W
4150.00	7.8	194.4	4100.16	7.06S	1.63W	1053.34S	59.94W
4200.00	6.6	194.0	4149.79	5.85S	1.42W	1059.19S	61.36W

DEPTH	DEVIATION		T.V.D.	STATION		DRIFT COORDINATES	
	ANGLE	AZIMUTH		N-S	E-W	N-S	E-W
4250.00	6.3	194.0	4199.47	5.50S	1.35W	1064.70S	62.71W
4300.00	5.4	192.9	4249.21	4.98S	1.18W	1069.68S	63.89W
4350.00	4.2	192.9	4299.04	4.01S	0.91W	1073.68S	64.80W
4400.00	3.4	193.9	4348.93	3.17S	0.77W	1076.86S	65.57W
4450.00	2.6	182.0	4398.86	2.57S	0.40W	1079.43S	65.97W
4500.00	2.2	161.5	4448.82	1.95S	0.39E	1081.38S	65.58W
4550.00	2.2	155.3	4498.79	1.69S	0.66E	1083.07S	64.92W
4600.00	2.2	157.0	4548.75	1.70S	0.79E	1084.76S	64.13W
4650.00	2.2	160.2	4598.72	1.77S	0.73E	1086.54S	63.40W
4700.00	1.9	165.5	4648.69	1.68S	0.57E	1088.22S	62.84W
4750.00	1.8	168.1	4698.66	1.55S	0.36E	1089.77S	62.47W
4800.00	2.0	177.1	4748.63	1.68S	0.23E	1091.44S	62.24W
4850.00	2.1	179.9	4798.60	1.80S	0.11E	1093.25S	62.13W
4900.00	2.2	179.7	4848.56	1.89S	0.08E	1095.14S	62.05W
4950.00	2.2	185.8	4898.53	1.89S	0.12W	1097.03S	62.17W
5000.00	2.1	190.8	4948.49	1.88S	0.31W	1098.91S	62.47W
5050.00	2.5	189.5	4998.45	1.98S	0.39W	1100.89S	62.86W
5100.00	2.4	188.1	5048.40	2.09S	0.35W	1102.98S	63.21W
5150.00	2.5	187.6	5098.36	2.12S	0.35W	1105.10S	63.56W
5200.00	2.5	187.4	5148.31	2.14S	0.26W	1107.24S	63.82W
5250.00	2.3	186.2	5198.27	2.06S	0.23W	1109.29S	64.05W
5300.00	2.2	187.2	5248.23	1.99S	0.21W	1111.28S	64.26W
5350.00	2.2	186.4	5298.19	1.86S	0.22W	1113.14S	64.47W
5400.00	2.2	179.1	5348.16	1.93S	0.07W	1115.07S	64.55W
5450.00	2.3	178.0	5398.12	2.01S	0.05E	1117.08S	64.49W
5500.00	2.0	182.2	5448.08	1.83S	0.04W	1118.91S	64.53W
5550.00	2.0	180.2	5498.05	1.83S	0.04W	1120.74S	64.57W
5600.00	1.9	181.3	5548.02	1.76S	0.01W	1122.50S	64.58W
5650.00	2.2	182.7	5597.98	1.88S	0.07W	1124.38S	64.65W
5700.00	2.2	186.8	5647.95	1.90S	0.20W	1126.28S	64.85W
5750.00	2.2	189.4	5697.91	1.93S	0.22W	1128.21S	65.07W
5800.00	2.1	190.5	5747.87	1.89S	0.32W	1130.09S	65.39W
5850.00	2.1	191.8	5797.84	1.82S	0.37W	1131.91S	65.75W
5900.00	2.2	192.3	5847.80	1.82S	0.34W	1133.73S	66.09W
5950.00	2.2	192.1	5897.77	1.83S	0.39W	1135.56S	66.48W
6000.00	2.1	188.4	5947.73	1.87S	0.35W	1137.43S	66.83W
6050.00	2.1	192.5	5997.70	1.81S	0.34W	1139.24S	67.17W
6100.00	2.1	189.7	6047.66	1.78S	0.36W	1141.02S	67.54W
6150.00	2.0	193.6	6097.63	1.72S	0.34W	1142.74S	67.88W
6200.00	2.1	191.7	6147.60	1.75S	0.37W	1144.49S	68.25W

DEPTH	DEVIATION		T.V.D.	DRIFT COORDINATES			
	ANGLE	AZIMUTH		STATION		TOTAL	
				N-S	E-W	N-S	E-W
6250.00	2.0	192.7	6197.57	1.74S	0.39W	1146.23S	68.64W
6300.00	2.1	190.0	6247.54	1.74S	0.34W	1147.97S	68.97W
6350.00	2.2	190.3	6297.50	1.85S	0.28W	1149.82S	69.25W
6400.00	2.3	188.2	6347.46	1.93S	0.32W	1151.75S	69.56W
6450.00	2.1	189.6	6397.43	1.88S	0.35W	1153.64S	69.91W
6500.00	2.3	192.8	6447.39	1.85S	0.32W	1155.49S	70.23W
6550.00	2.2	190.6	6497.35	1.92S	0.37W	1157.41S	70.61W
6600.00	2.3	191.4	6547.32	1.94S	0.39W	1159.35S	70.99W
6650.00	2.1	198.7	6597.28	1.82S	0.51W	1161.18S	71.50W
6700.00	2.4	189.5	6647.24	1.95S	0.45W	1163.13S	71.95W
6750.00	2.2	193.0	6697.20	1.96S	0.39W	1165.09S	72.33W
6800.00	2.3	192.0	6747.16	1.93S	0.40W	1167.02S	72.73W
6850.00	2.4	191.1	6797.12	2.00S	0.39W	1169.02S	73.12W
6900.00	2.4	190.5	6847.08	2.03S	0.39W	1171.05S	73.52W
6950.00	2.3	189.2	6897.03	2.04S	0.40W	1173.09S	73.92W
7000.00	2.4	192.3	6946.99	2.01S	0.41W	1175.11S	74.33W
7050.00	2.5	191.4	6996.94	2.08S	0.46W	1177.19S	74.80W
7100.00	2.6	194.1	7046.90	2.15S	0.45W	1179.34S	75.25W
7150.00	2.5	194.1	7096.85	2.07S	0.49W	1181.41S	75.73W
7200.00	2.4	195.3	7146.81	2.01S	0.52W	1183.41S	76.25W
7250.00	2.5	191.6	7196.76	2.12S	0.50W	1185.53S	76.76W
7300.00	2.5	192.7	7246.71	2.11S	0.47W	1187.64S	77.22W
7350.00	2.6	191.5	7296.66	2.20S	0.49W	1189.84S	77.71W
7400.00	2.6	189.0	7346.61	2.25S	0.43W	1192.09S	78.14W
7450.00	2.6	188.4	7396.56	2.27S	0.35W	1194.36S	78.50W
7500.00	2.8	191.8	7446.50	2.32S	0.39W	1196.68S	78.88W
7550.00	2.7	189.2	7496.44	2.37S	0.35W	1199.05S	79.24W
7600.00	2.8	187.5	7546.38	2.47S	0.31W	1201.52S	79.54W
7650.00	2.6	184.1	7596.32	2.39S	0.22W	1203.91S	79.76W
7700.00	2.8	180.8	7646.27	2.40S	0.15W	1206.32S	79.91W
7750.00	2.7	183.0	7696.21	2.32S	0.08W	1208.63S	79.99W
7800.00	2.6	184.6	7746.16	2.32S	0.11W	1210.95S	80.11W
7850.00	2.7	186.6	7796.11	2.25S	0.22W	1213.20S	80.33W
7900.00	2.7	186.5	7846.06	2.24S	0.31W	1215.44S	80.64W
7950.00	2.6	184.5	7896.01	2.23S	0.25W	1217.67S	80.89W
8000.00	2.6	180.9	7945.96	2.25S	0.15W	1219.91S	81.04W
8050.00	2.4	184.3	7995.91	2.11S	0.16W	1222.03S	81.20W
8100.00	2.5	186.4	8045.86	2.18S	0.18W	1224.20S	81.38W
8150.00	2.6	189.2	8095.81	2.21S	0.33W	1226.42S	81.71W
8200.00	2.4	182.4	8145.77	2.11S	0.26W	1228.53S	81.97W

DEPTH	DEVIATION		T.V.D.	DRIFT COORDINATES			
	ANGLE	AZIMUTH		STATION		TOTAL	
				N-S	E-W	N-S	E-W
8250.00	2.8	177.7	8195.72	2.27S	0.05E	1230.80S	81.92W
8300.00	3.0	175.5	8245.66	2.45S	0.17E	1233.25S	81.75W
8350.00	3.1	184.6	8295.58	2.71S	0.00W	1235.95S	81.75W
8400.00	3.0	185.7	8345.51	2.65S	0.22W	1238.60S	81.97W
8450.00	3.0	186.2	8395.44	2.58S	0.24W	1241.18S	82.22W
8500.00	3.0	183.7	8445.38	2.61S	0.23W	1243.79S	82.44W
8550.00	3.3	179.6	8495.30	2.77S	0.14W	1246.55S	82.58W
8600.00	3.5	179.2	8545.21	2.93S	0.01W	1249.49S	82.60W
8650.00	3.5	184.5	8595.11	3.17S	0.15W	1252.65S	82.74W
8700.00	3.3	180.9	8645.02	2.97S	0.15W	1255.62S	82.89W
8750.00	3.4	181.2	8694.94	2.88S	0.06W	1258.51S	82.95W
8800.00	3.7	185.3	8744.85	3.06S	0.20W	1261.57S	83.15W
8850.00	3.4	184.2	8794.75	3.05S	0.30W	1264.61S	83.45W
8900.00	3.3	184.9	8844.66	2.94S	0.25W	1267.55S	83.70W
8950.00	3.4	186.7	8894.58	2.86S	0.29W	1270.41S	83.98W
9000.00	3.3	187.5	8944.50	2.89S	0.31W	1273.30S	84.29W
9050.00	3.3	188.1	8994.41	2.88S	0.38W	1276.18S	84.67W
9100.00	3.4	187.5	9044.33	2.88S	0.40W	1279.06S	85.07W
9150.00	3.4	185.5	9094.24	2.99S	0.35W	1282.05S	85.42W
9200.00	3.4	186.2	9144.15	2.95S	0.28W	1284.99S	85.71W
9250.00	3.2	190.0	9194.07	2.87S	0.38W	1287.86S	86.08W
9300.00	2.8	186.1	9244.00	2.61S	0.41W	1290.48S	86.49W
9308.00	2.9	186.2	9251.99	0.40S	0.05W	1290.88S	86.54W

THE FIRST POINT INFORMATION:

2250.00 18.2 78.4 2290.00 507.50S 23.93W 507.50S 23.93W

THE LAST POINT INFORMATION:

9308.00 2.9 186.2 9251.99 0.40S 0.05W 1290.88S 86.54W

FINAL EAST-WEST DRIFT = 86.54 W  
FINAL NORTH-SOUTH DRIFT = 1290.88 S  
FINAL DRIFT DISTANCE = 1293.77 FT  
FINAL DRIFT DIRECTION = S 3.84 W



Baker Atlas



COMPANY XTO ENERGY INC.  
WELL WILD HORSE BENCH #5-5H  
FIELD NATURAL BUTTES  
COUNTY UINTAH STATE UTAH

FILE NO: 1505  
API NO: 43-047-39441

LOCATION:

959' FNL & 734' FWL

SEC 5 TWP 11S RGE 20E

ELEVATIONS:

KB 5438.5 FT

DF

GL 5422 FT

DATE 15-Apr-2008

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 6

**ENTITY ACTION FORM**

Operator: XTO ENERGY INC. Operator Account Number: N 2615  
Address: 382 CR 3100  
city AZTEC  
state NM zip 87410 Phone Number: (505) 333-3100

**Well 1**

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304739440	WHB 4-8H		NWNW	08	11S	20E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
E	16817	16817				6/1/2009	
Comments: Change formation from MVRD to WSMVD							7/30/09

**Well 2**

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304739441	WHB 5-5H		NWNW	58	11S	20E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
E	16744	16744				6/1/2009	
Comments: Change formation from MVRD to WSMVD							7/30/09
							BHL = SWNW

**Well 3**

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304738680	LCU 10-16H		NWSE	5	11S	20E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
E	17218	17218				6/1/2009	
Comments: Change formation from MVRD to WSMVD							7/30/09
							BHL = NWSE

**ACTION CODES:**

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Eden Fine

Name (Please Print)

Signature

Permitting Clerk

Title

7/27/2009

Date

**RECEIVED**

**JUL 27 2009**

DIV OF OIL, GAS & MINING

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-39223
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> UTE
<b>2. NAME OF OPERATOR:</b> XTO ENERGY INC		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>3. ADDRESS OF OPERATOR:</b> 382 Road 3100 , Aztec, NM, 87410		<b>8. WELL NAME and NUMBER:</b> WHB 5-5H
<b>PHONE NUMBER:</b> 505 333-3159 Ext		<b>9. API NUMBER:</b> 43047394410000
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0959 FNL 0734 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNW Section: 05 Township: 11.0S Range: 20.0E Meridian: S		<b>9. FIELD and POOL or WILDCAT:</b> UNDESIGNATED
		<b>COUNTY:</b> Uintah
		<b>STATE:</b> UTAH
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	
<input checked="" type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion: 6/23/2009	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	OTHER: PWOP	
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> XTO Energy Inc. put this well on plunger lift per the following: 6/23/2009 MIRU Production Logging Services SLU. SN @ 9098'. RU & RIH w/1.625" BB tgd fill @ 9257'. POH & Ld BB. RU & RIH w/1.908" tbg broach to SN chase BHBSw /out SV to SN. POH & LD tbg broach. RDMO Production Logging Services SLU. Drpd PCS Sand plngr, RWTP @ 11:00 a.m., 6/23/09. Fire		
<div style="text-align: right;"> <b>Accepted by the</b>  <b>Utah Division of</b>  <b>Oil, Gas and Mining</b>  <b>FOR RECORD ONLY</b>          September 14, 2009       </div>		
<b>NAME (PLEASE PRINT)</b> Dolena Johnson	<b>PHONE NUMBER</b> 505 333-3164	<b>TITLE</b> Regulatory Compliance Tech
<b>SIGNATURE</b> N/A	<b>DATE</b> 9/12/2009	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>			
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-39223			
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> UTE			
<b>2. NAME OF OPERATOR:</b> XTO ENERGY INC		<b>7. UNIT or CA AGREEMENT NAME:</b>			
<b>3. ADDRESS OF OPERATOR:</b> 382 Road 3100 , Aztec, NM, 87410		<b>8. WELL NAME and NUMBER:</b> WHB 5-5H			
<b>PHONE NUMBER:</b> 505 333-3159 Ext		<b>9. API NUMBER:</b> 43047394410000			
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0959 FNL 0734 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNW Section: 05 Township: 11.0S Range: 20.0E Meridian: S		<b>9. FIELD and POOL or WILDCAT:</b> UNDESIGNATED			
<b>COUNTY:</b> UINTAH		<b>STATE:</b> UTAH			
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA					
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>				
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 11/1/2011  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input checked="" type="checkbox"/> OTHER         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION            OTHER: <span style="border: 1px solid black; padding: 0 20px;">PWOP</span> </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <span style="border: 1px solid black; padding: 0 20px;">PWOP</span>
<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <span style="border: 1px solid black; padding: 0 20px;">PWOP</span>			
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  XTO Energy Inc. intends to put this well on a pumping unit to increase production.					
<b>Accepted by the          Utah Division of          Oil, Gas and Mining</b>  <b>Date:</b> 09/26/2011 <b>By:</b>					
<b>NAME (PLEASE PRINT)</b> Barbara Nicol		<b>PHONE NUMBER</b> 505 333-3642			
<b>SIGNATURE</b> N/A		<b>TITLE</b> Regulatory Compliance Tech			
<b>DATE</b> 9/23/2011					



<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
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		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> WHB 5-5H	
<b>2. NAME OF OPERATOR:</b> XTO ENERGY INC	<b>9. API NUMBER:</b> 43047394410000	
<b>3. ADDRESS OF OPERATOR:</b> 382 Road 3100 , Aztec, NM, 87410	<b>PHONE NUMBER:</b> 505 333-3145 Ext	<b>9. FIELD and POOL or WILDCAT:</b> HILL CREEK
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0959 FNL 0734 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNW Section: 05 Township: 11.0S Range: 20.0E Meridian: S		<b>COUNTY:</b> Uintah
		<b>STATE:</b> UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input checked="" type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 5/31/2012	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="PWOP"/>	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

XTO Energy Inc. has performed acid treatments on this well & put it on a pumping unit per the attached summary report.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 June 15, 2012

<b>NAME (PLEASE PRINT)</b> Barbara Nicol	<b>PHONE NUMBER</b> 505 333-3642	<b>TITLE</b> Regulatory Compliance Tech
<b>SIGNATURE</b> N/A		<b>DATE</b> 6/12/2012

### **Wild Horse Bench 05-05H**

**5/17/2012:** MIRU. TOH w/2-3/8" tbg. TIH w/4-3/4" bit, 5-1/2" csg scr, SN & 2-3/8" tbg. EOT @ 6500'.

**5/18/2012:** Cont TIH w/2-3/8" tbg. Tgd 68' fill @ 9,250'. MIRU AFU. CO fill to 9,262' (BRS). Circ cln. TOH w/2-3/8" tbg.

**5/21/2012:** Cont TOH w/2-3/8" tbg. TIH w/2-7/8" MSC, 5-1/2" TAC & 2-7/8" tbg.

**5/22/2012:** MIRU acid pumper. EOT @ 6,315' sptd dwn tbg 250 gals 15% HCL ac w/adds mutual solvent, iron seq, sc & corr inhib. Flshd 1 bbl past EOT w/37 bbls trtd 2% KCl wtr. Cont TIH. EOT @ 7,138' sptd dwn tbg 250 gals 15% HCL ac w/adds mutual solvent, iron seq, sc & corr inhib. Flshd 1 bbl past EOT w/42 bbls trtd 2% KCl wtr. Cont TIH. EOT @ 8,650' sptd dwn tbg 250 gals 15% HCL ac w/adds mutual solvent, iron seq, sc & corr inhib. Flshd 1 bbl past EOT w/51 bbls trtd 2% KCl wtr. Cont TIH. EOT @ 9,080' sptd dwn tbg 250 gals 15% HCL ac w/adds mutual solvent, iron seq, sc & corr inhib. Flshd 1 bbl past EOT w/54 bbls trtd 2% KCl wtr. Cont TIH. Set 5-1/2" TAC. SN @ 9,210', TAC/EOT @ 9,226'.

**5/23/2012:** Swab. BFL @ 6,500' FS. S. 0 BO, 65 BLW, 17 runs, 10 hrs. FFL @ 8,000' FS.

**5/24/2012:** Swab. BFL @ 7000' FS. S. 0 BO, 15 BLW, 3 runs, 2 hr. FFL @ 7,200' FS. TIH w/2-1/2" x 1-1/4" x 19' RHBC pmp, 1-1/2" API sbs, 3/4" guided rods, 7/8" guided rods & 1-1/2" x 26' PR. HWO. RDMO.

**5/31/2012:** Set Lufkin RM 456D-365-44 PU & Arrow C-101 gas engine. RWTP @ 1:00 P.M. Ppg @ 144" x 2.5 SPM. FR for PWOP.

=====Wild Horse Bench 05-05H=====